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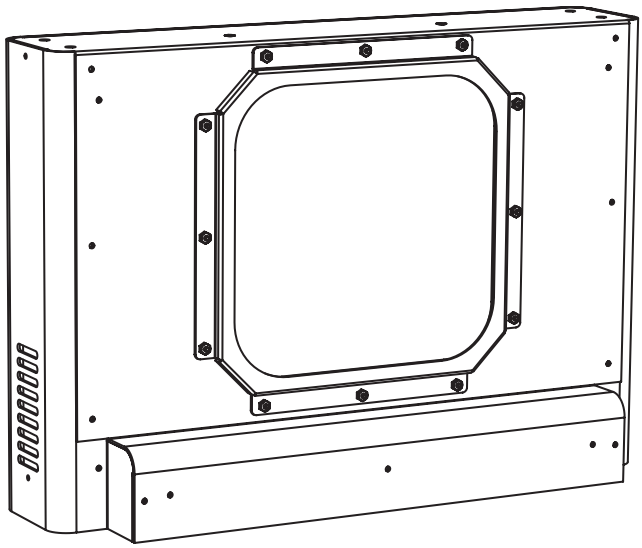
WYBRON INCORPORATED

ADVANCING THE ART OF LIGHTING

BROCHURE 2011

AQUARAM IT Color Changers



General

A component of the Wybron Infotrace Series of Products

Outdoor-rated (IP 65), weather-resistant models

2 - 32 individual gel frames on 7.5" model

2 – 24 individual gel frames on the Six Light, Eight Light and Large Format model

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

3 second end to end string movement (32 frames)

9 operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address user selectable 1-512

Remote fan and/or Time to Destination addresses user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

Parameters and features selectable with Infotrace/RDM:

Base Address

Sub Parameter Address (Fan Remote / Time to Destination)

Self Test Mode

Infotrace/RDM feedback information

Aperture Light Sensor

Unit Temperature Sensor

Pass Through Current

Hours Since Last Maintenance

Gel Colors (on IT equipped gel strings)

Gel Temperature Sensor

Gel string Broken Alert

Gel string Replacement Period Reached

Voltage Sensor

Fan RPM

Roller Stuck

Init Fail

Fan Stopped

High Motor Current

Low Voltage Alert

Gel Wear Counter

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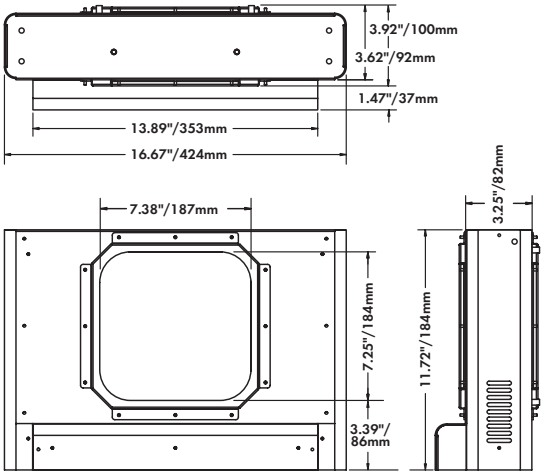
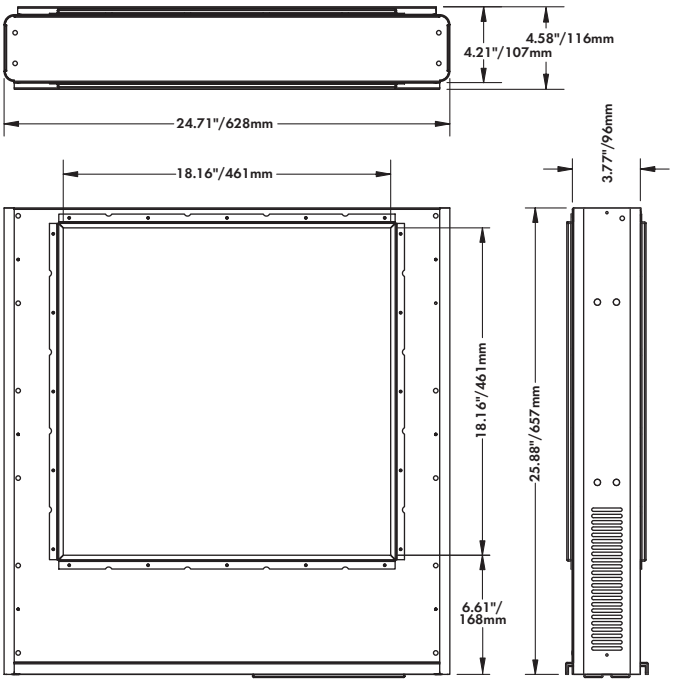
Dimensions & Weights

7.5-inch Model 87080



Weight: 10.0 lbs./4.6kg without mounting plate

Large Format Model 85000



Weight: 15.5 lbs./7kg without mounting plate

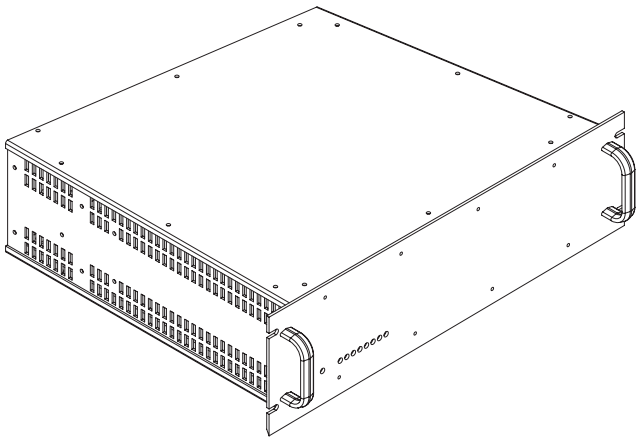
Ordering Information

AQUARAM IT Color Changer	
Model	Description
87080	7.5-inch color changer
85000	Large Format color changer
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
AQUARAM IT Accessories	
7042-XX	Power/Data Cable (XX=Length)*
AQUARAM IT Gel Strings**	
87089–XX	7.5-inch gel string (XX=number of frames up to 32)
850019–XX	Lrg Format gel string (XX=number of frames up to 24)
AQUARAM IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

*** See COLOREXPRESS Gel Strings for available colors*

THE AUTOPILOT II 3-D Tracking System



General

Track up to 4 performers in three-dimensional space and real time within a 2400 sq. ft. area

Rack mountable or stand alone

.063" aluminum sheet metal construction

Color LED display indicating power and data

An Autopilot System consists of:
- 4 Beltpacks/Beltpack Elements
- 8 Ceiling Receivers
- Controller

PC-based,* and uses advanced software to give you total point-and-click control from your laptop

Adjustable Height Option lets you center the light beam anywhere vertically on the performer's body

Autosize Option allows you to hold constant light beam size regardless of performer location

Customize Boundary Option lets you control fade distance at edges of performance area

Configurable Dead Zone Option lets you create a zone in which a highly active performer can move without the lights moving

Zoning Option lets you sub-divide a performance area into independent coverage zones, with automatic spotlight cross-fading

5 pin XLR connector for DMX data

7 pin XLR connector for power and signal to and from receivers

Made in the USA

** does not include computer*

Power/Data

Accepts all standard voltages worldwide (100-132 VAC 50/60 Hz and 170-240 VAC 50/60 Hz

XLR Connector Pin In/Out

XLR Pin #	Function	Conductor Size
1	Ground	22 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	Empty	22 AWG
5	Empty	22 AWG

Control

Uses DMX512-A Protocol

Setup, adjustment, operation and diagnostics are now graphic, and an ease to use

Passes all console directed DMX data to lights

The system controller continuously generates new pan & tilt information and inserts it into the data stream as it's sent to the corresponding lights

Control up to 60 moving lights–for a current list of manufacturers see (http://www.wybron.com/support/software/autopilot/

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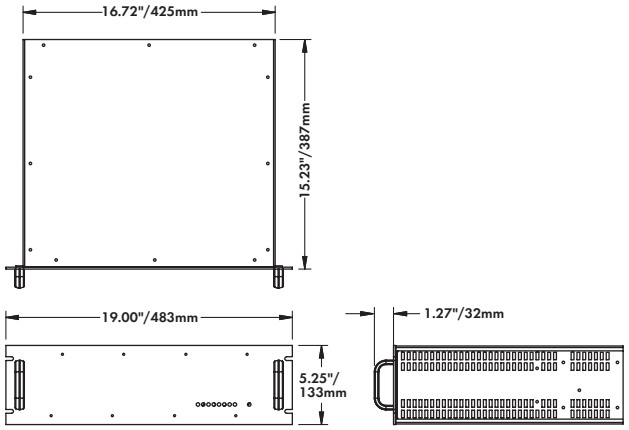
Specifications-AUTOPILOT II 3-D Tracking System

THE AUTOPILOT II 3-D Tracking System

Dimensions & Weights

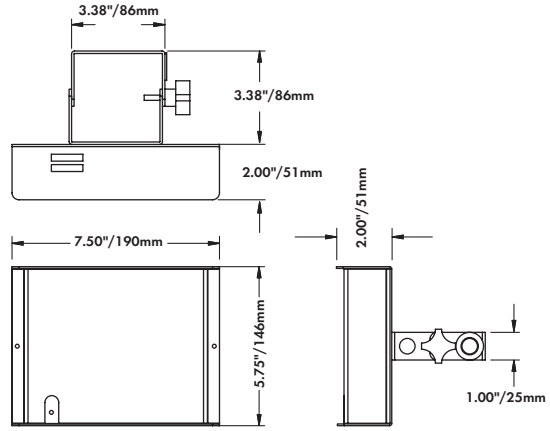
AUTOPILOT II Controller/System Model 5050*



Weight: 12.36 lbs./5.61kg

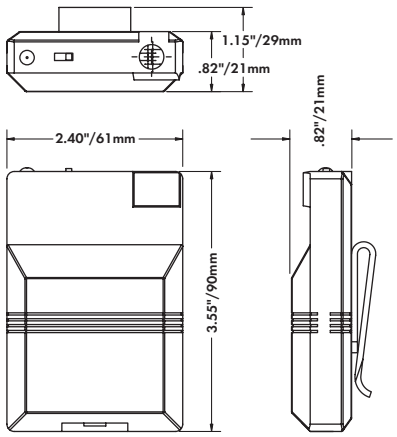
**includes eight receivers, four beltpacks, one controller, temperature sensor, necessary cable, batteries, target, tripod and tape measure*

AUTOPILOT II Receiver Model 5085



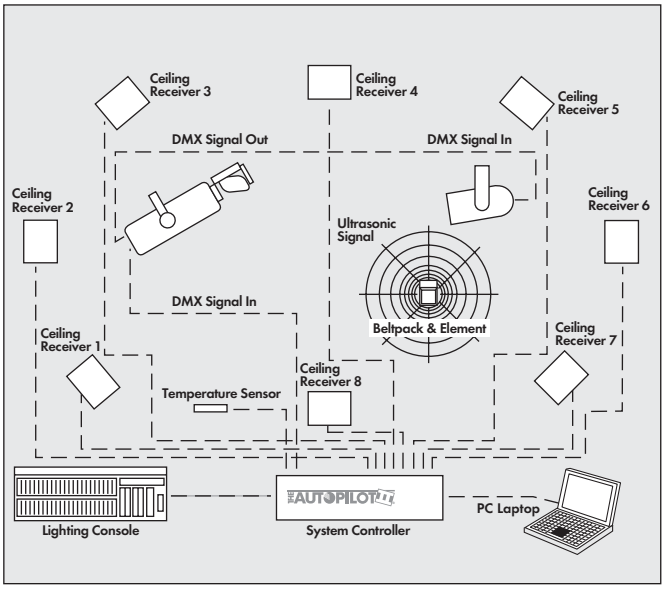
Weight: 1.14 lbs./.52kg

AUTOPILOT II Beltpack Model 5080



Weight: .24 lbs./.11kg

Basic Setup - AUTOPILOT System



Manufactured under US Patent 5,504,477 & European Patent EP95902637-8

Ordering Information

AUTOPILOT 3-D Tracking System	
Model	Description
5050	3-D Tracking System
AUTOPILOT 3-D Tracking System Accessories	
5025-XX	Receiver cable (XX=25', 50', 100)
5080	Beltpack
5085	Receiver
5056	Temperture Sensor
505-03-03	Targets
505-08-10	Tripod
505-08-34	Tape Measure

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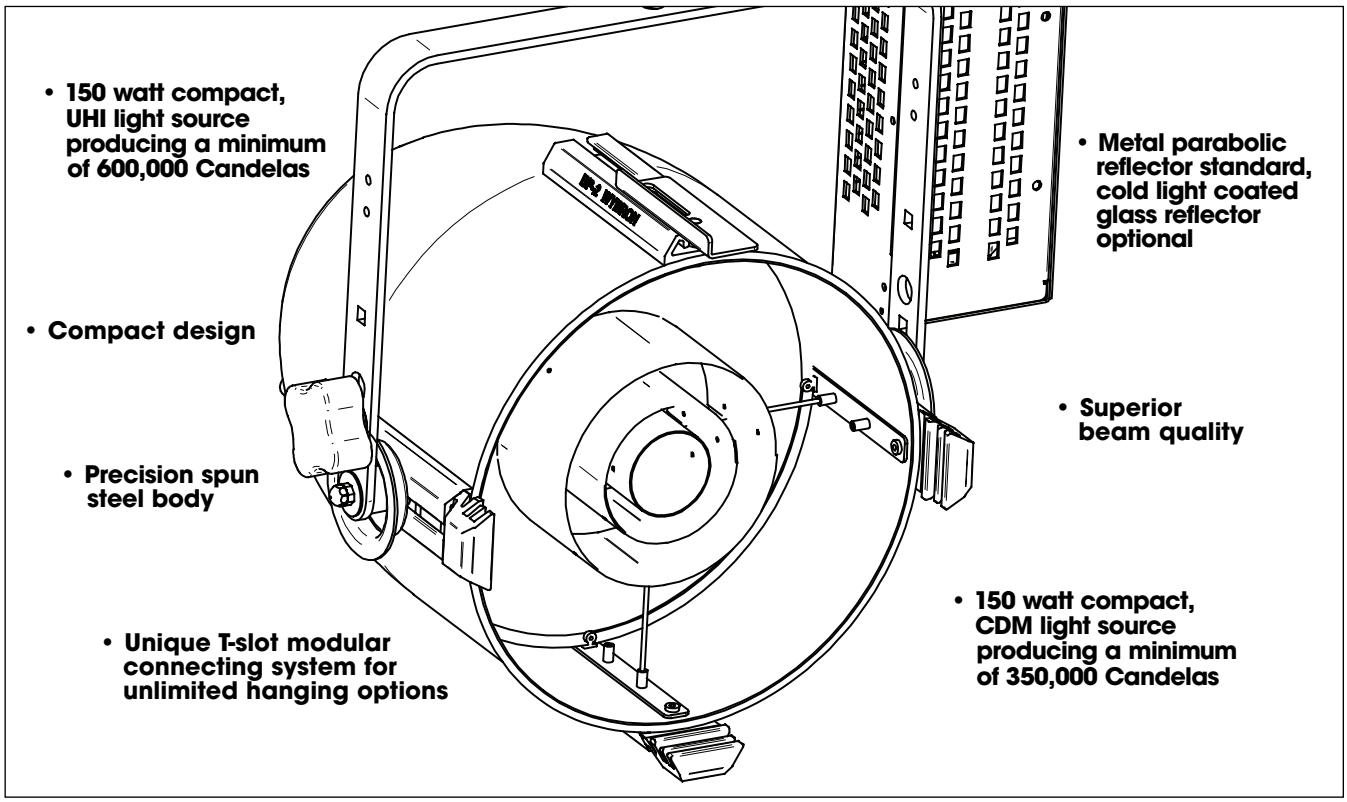
TEL 800•624•0146 • **TEL** 719•548•9774 • **FAX** 719•548•0432 • **EMAIL:** info@wybron.com • **WEBSITE:** www.wybron.com

Beam Luminaire Features

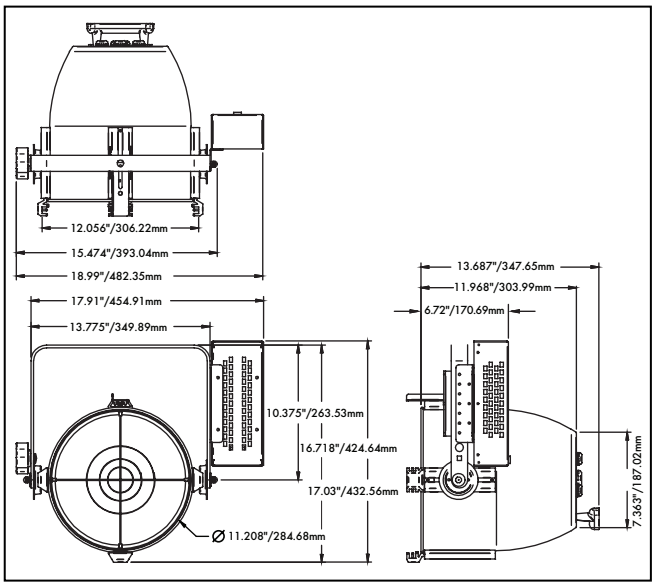

• 150 watt compact, UHI light source producing a minimum of 600,000 Candelas
• Compact design
• Precision spun steel body
• Unique T-slot modular connecting system for unlimited hanging options
• Metal parabolic reflector standard, cold light coated glass reflector optional
• Superior beam quality
• 150 watt compact, CDM light source producing a minimum of 350,000 Candelas

This compact, next generation beam projector uses the latest developments in optical and mechanical design, to give today's lighting designers another tool in their ever expanding arsenal of lighting effects. The BP-2 Beam Luminaire produces an extremely intense soft edge narrow 10°-13° beam (lamp dependent) of light several times more intense than an ordinary spotlight of similar wattage.

Built of rugged spun steel, with a metal parabolic reflector, it uses a high output, compact 150W CDM or UHI light source. Its unique T-slot modular connection system allows the designer to combine an unlimited number of BP-2s in any desired array to satisfy any lighting situation.

The BP-2 makes a statement by breaking through the atmosphere on a stage or used architecturally as a long-throw wash to light specific areas brillantly. And the BP-2 is economical, easy-to-use and manufactured with Wybron's legendary reliability .

BP-2 Dimensions



Physical
Housing: Precision spun, cold rolled 1mm steel housing

Yoke: Flat steel with two mounting positions

5/8" T-slot mounting rails every 90°

Accessories: Accepts up to two standard 12" accessories; Standard spring-loaded safety latch

High impact, thermally insulating handle

Safety Cable: 3.5 ft./1.06m long cable included

Finish: High temperature black powder coat, other colors available, consult factory

Weight: 14.3 lbs. (6.5 kg)

Optical
Reflector: Parabolic metal

Concentric ring system to control light spill

Tempered safety glass lamp containment & UV blocker

Lamp
Socket: G12 style, rated to 350° C

Tool free precision lamp alignment

Electrical
Power Supply: Ballast voltage 120-277VAC

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Accessories
Optional malleable iron pipe clamp

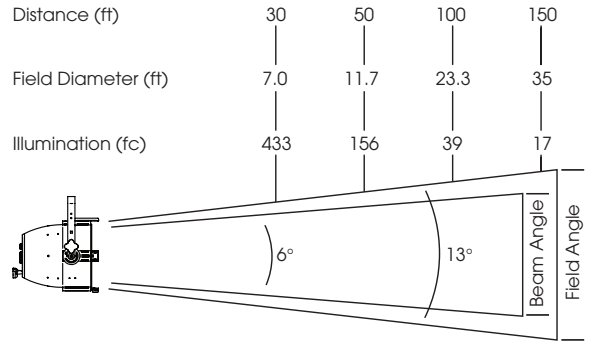
Optionally available with installed Stage pin, Twist lock & Edison connectors

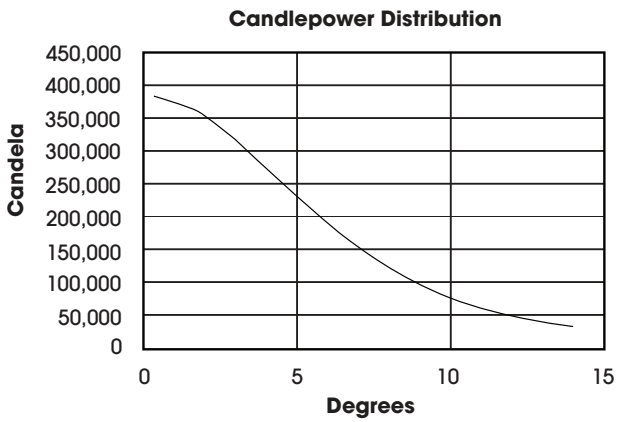
Lamp Data

Lamp Model	CDM150T6830	UHI-S150DW/A/UVP
Lamp Watts(nominal)	150	150
Rated Lumens	14,000	13,000
Rated Hours	10,000	10,000
Color Temp	3000K	3000K
Color Rendering Index	85	80
Efficacy (Luminous Output)	93Lm/W	80Lm/W

Photometrics–150W CDM Lamp @ 115V

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
13°	390,000 (Cd)	1919	12.8 LPW	13.7%



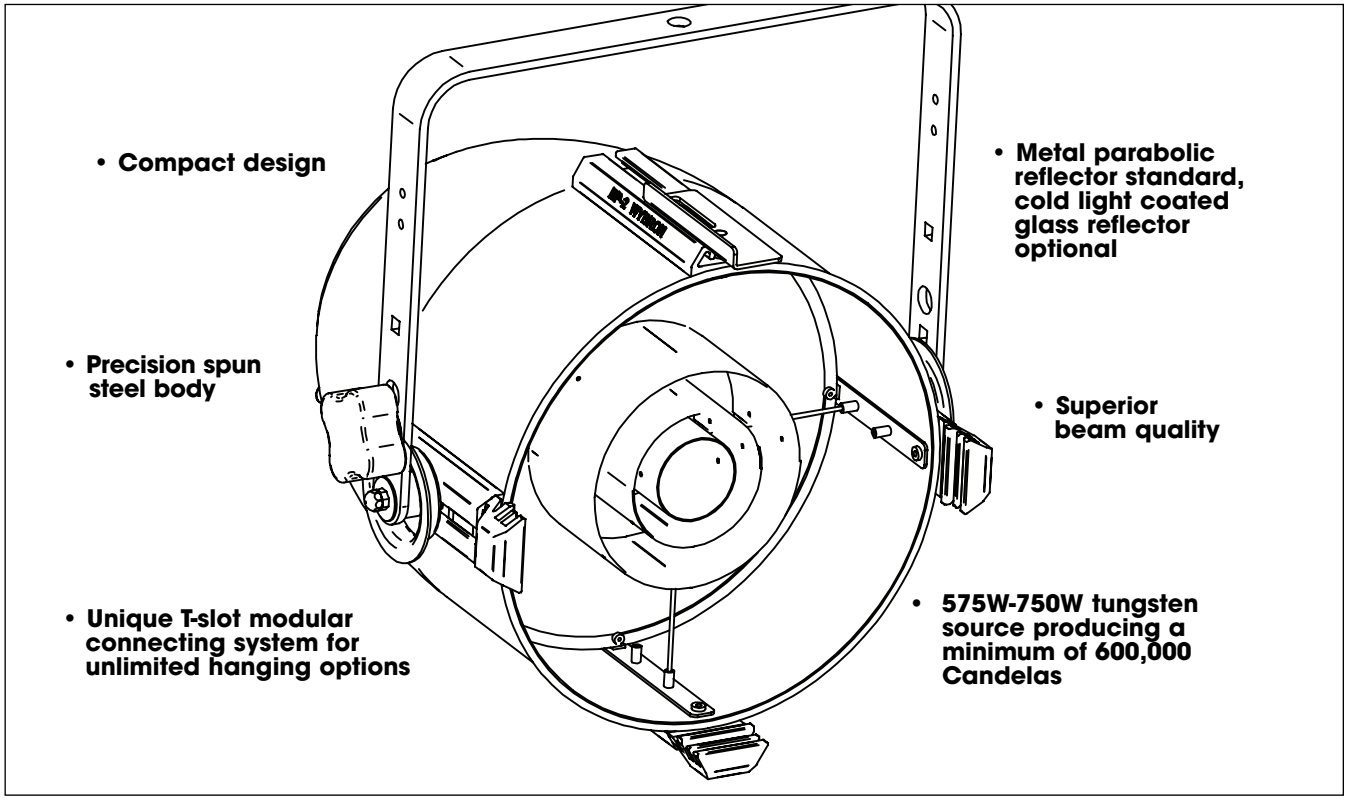


Specifications as of 3/5/05 and may be subject to change

Ordering Information

BP-2 Beam Luminaire	
Model	Description
9520	BP-2 Beam Luminaire CDM (metal reflector)
BP-2 Beam Luminaire Accessories	
256-08-21	Malleable Iron C-clamp
CDM150T6830	Lamp, CDM 150W w/UV Fade Block
UHI-S150DW/A/UVP	Lamp, UHI 150W
BP-2 AC Power Connectors	
S	Stage Pin Connector
T	Twist Lock Connector
E	Edison Connector

Beam Luminaire Features

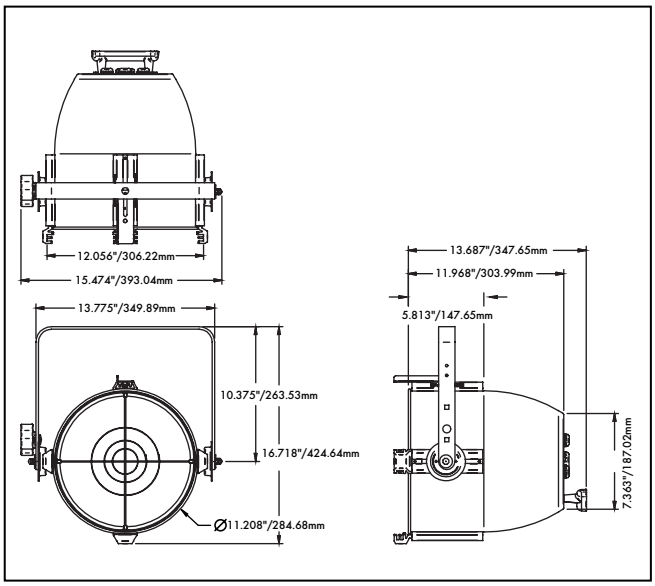

• Compact design
• Metal parabolic reflector standard, cold light coated glass reflector optional
• Precision spun steel body
• Superior beam quality
• Unique T-slot modular connecting system for unlimited hanging options
• 575W-750W tungsten source producing a minimum of 600,000 Candelas

This compact, next generation beam projector uses the latest developments in optical and mechanical design, to give today's lighting designers another tool in their ever expanding arsenal of lighting effects. The BP-2 Beam Luminaire produces an extremely intense soft edge narrow 10° beam of light several times more intense than an ordinary spotlight of similar wattage.

Built of rugged spun steel, with either a metal or cold light coated glass, modified-parabolic reflector, it may be lamped withup to a 800W 230V tungsten source. Its unique T-slot modular connection system allows the designer to combine an unlimited number of BP-2s in any desired array to satisfy any lighting situation.

The BP-2 makes a statement by breaking through the atmosphere on a stage or used architecturally as a long-throw wash to light specific areas brillantly. And the BP-2 is economical, easy-to-use and manufactured with Wybron's legendary reliability .

BP-2 Dimensions



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Physical
Housing: Precision spun, cold rolled 1mm steel housing

Yoke: Flat steel with two mounting positions

5/8" T-slot mounting rails every 90°

Accessories: Accepts up to two standard 12" accessories; Standard spring-loaded safety latch

High impact, thermally insulating handle

Safety Cable: 3.5 ft./1.06m long cable included

Finish: High temperature black powder coat, other colors available, consult factory

Weight: 11.3 lbs. (5.13 kg) (Metal Reflector Model)

Optical
Reflector: Metal or dichroic coated cold light mirror

Concentric ring system to control light spill

Tempered safety glass lamp containment

Lamp
Socket: G9.5 style, rated to 350° C

Tool free precision lamp alignment

Electrical
Power Supply: Lamp line voltage-lamp dependent

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Accessories
Optional malleable iron pipe clamp

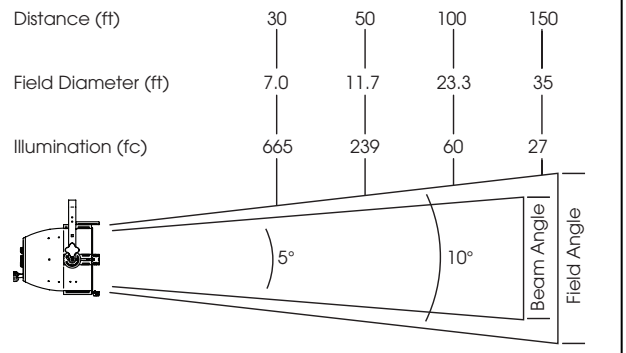
Optionally available with installed Stage pin, Twist lock & Edison connectors

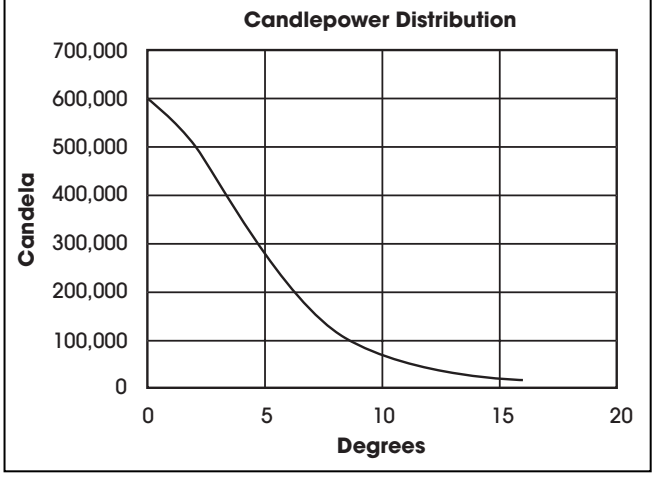
Lamp Data

ANSI Code	Watts	Rated VAC	Color Temp	Rated Hours	Rated Lumens
GLC	575	115	3200	400	15500
GLA	575	115	3100	1500	13500
GKV	600	230	3200	400	15000
GLB	600	230	3100	1500	13000
6981P	750	115	3200	300	19000
GLE	750	115	3050	1500	17400
6982P	800	230	3200	250	20000
HX800	800	230	3200	250	20000

Photometrics–Tungsten 575W GLC Lamp @ 115V

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
10°	600,000 (Cd)	5257	9.14 LPW	33.9%



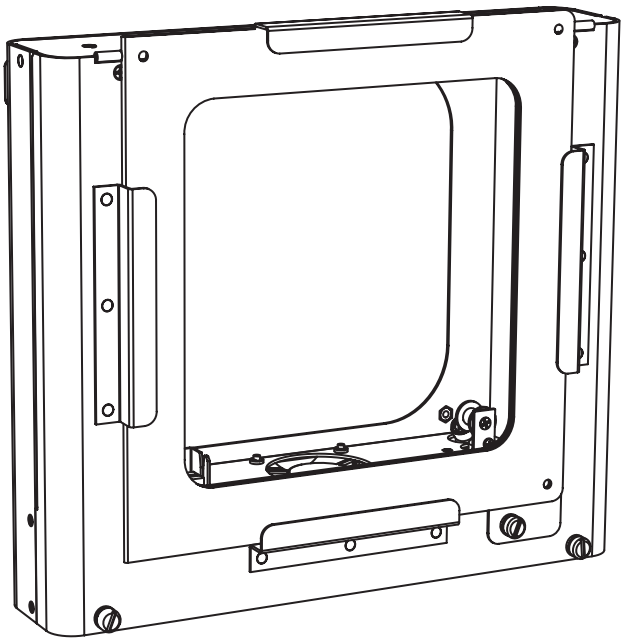


Ordering Information

BP-2 Beam Luminaire	
Model	Description
9500	BP-2 Beam Luminaire (metal reflector)
9510	BP-2 Beam Luminaire (glass reflector)
BP-2 Beam Luminaire Accessories	
256-08-21	Malleable Iron C-clamp
287391	Lamp, GLC 115V
294322	Lamp, GLA 115V
363721	Lamp, GKV 230V
363739	Lamp, GLB 230V
134205	Lamp, 6981P 115V
92773	Lamp, GLE 115V
134203	Lamp, 6982P 230V
39754	Lamp, HX800 230V
BP-2 AC Power Connectors	
S	Stage Pin Connector
T	Twist Lock Connector
E	Edison Connector

Specifications as of 3/3/05 and may be subject to change

COLORRAM IT Color Changers



General

A component of the Wybron Infotrace Series of Products

2 - 32 individual gel frames on 4" (Source Four) & 7.5" models

2 – 24 individual gel frames on 10" model

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

3 second end to end string movement (32 frames)

9 operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

The quietest, most reliable color changer ever manufactured by Wybron

Made in USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address user selectable 1-512

Remote fan and/or Time to Destination addresses user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

Parameters and features selectable with Infotrace/RDM:

Base Address

Sub Parameter Address (Fan Remote / Time to Destination)

Self Test Mode

Infotrace/RDM feedback information

Aperture Light Sensor

Unit Temperature Sensor

Pass Through Current

Hours Since Last Maintenance

Gel Colors (on IT equipped gel strings)

Gel Temperature Sensor

Gel string Broken Alert

Gel string Replacement Period Reached

Voltage Sensor

Fan RPM

Roller Stuck

Init Fail

Fan Stopped

High Motor Current

Low Voltage Alert

Gel Wear Counter

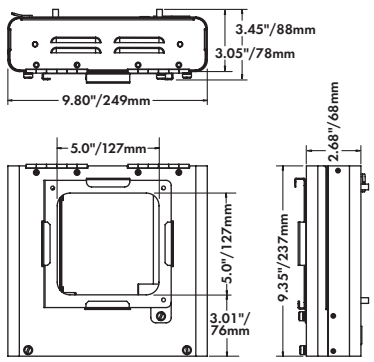
WYBRON

Advancing The Art Of Lighting

COLORAM IT Color Changers

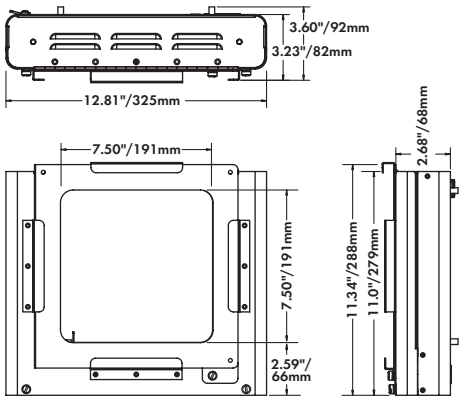
Dimensions & Weights†

4-inch Model 84520



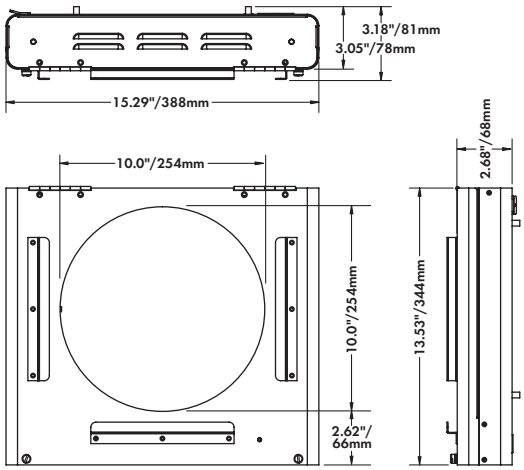
Weight: 4.5 lbs./2.04kg without mounting plate
Front Door: 6.25" accessory holder

7.5-inch Model 87110



Weight: 5.5 lbs./2.45kg without mounting plate
Front Door: 10.0" accessory holder

10-inch Model 810100



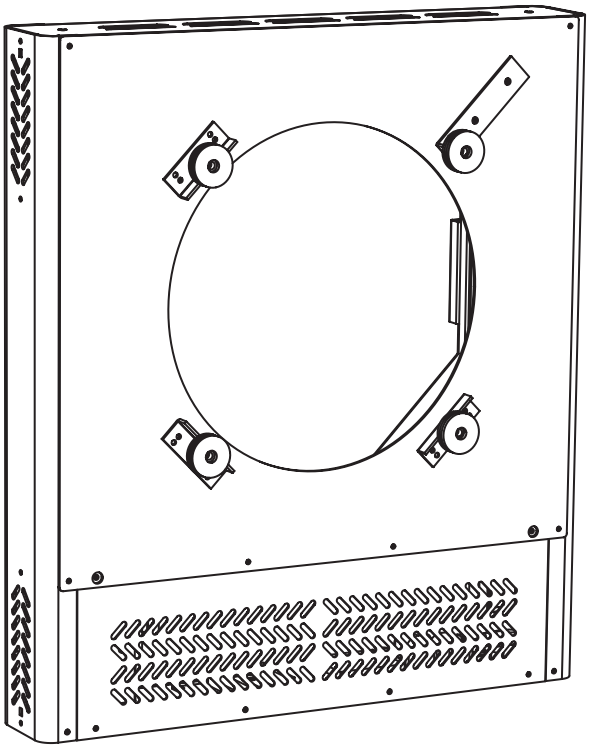
Weight: 7.0 lbs./3.26kg without mounting plate
Front Door: 12.0" accessory holder

Ordering Information

COLORAM IT Color Changer	
Model	Description
84520	4-inch color changer
87110	7.5-inch color changer
810100	10-inch color changer
PS-SERIES Power Supply	
820150	150W power supply
820300	300W power supply
820600	600W power supply
COLORAM IT Accessories	
7042-XX	Power/Data Cable (XX=Length)*
COLORAM IT Gelstrings**	
84509–XX	4-inch gelstring (XX=number of frames up to 32)
87049–XX	7.5-inch gelstring (XX=number of frames up to 32)
810059–XX	10.0-inch gelstring (XX=number of frames up to 24)
COLORAM IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*
*** See COLOREXPRESS Gelstrings for available colors*

WYBRON
Advancing The Art Of Lighting



General

A component of the Wybron Infotrace Series of Products

2 – 24 individual gel frames on the 15-inch, large format and eight light models

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

3 second end to end string movement (32 frames)

9 operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

The quietest, most reliable color changer ever manufactured by Wybron

Made in the USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address user selectable 1-512

Remote fan and/or Time to Destination addresses user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

Parameters and features selectable with Infotrace/RDM:

Base Address

Sub Parameter Address (Fan Remote / Time to Destination)

Self Test Mode

Infotrace/RDM feedback information

Aperture Light Sensor

Unit Temperature Sensor

Pass Through Current

Hours Since Last Maintenance

Gel Colors (on IT equipped gel strings)

Gel Temperature Sensor

Gel string Broken Alert

Gel string Replacement Period Reached

Voltage Sensor

Fan RPM

Roller Stuck

Init Fail

Fan Stopped

High Motor Current

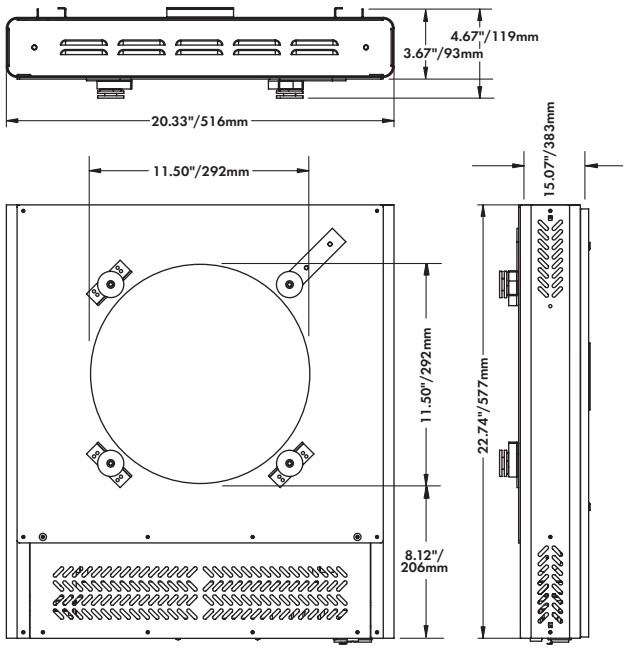
Low Voltage Alert

Gel Wear Counter

COLORAM IT Color Changers

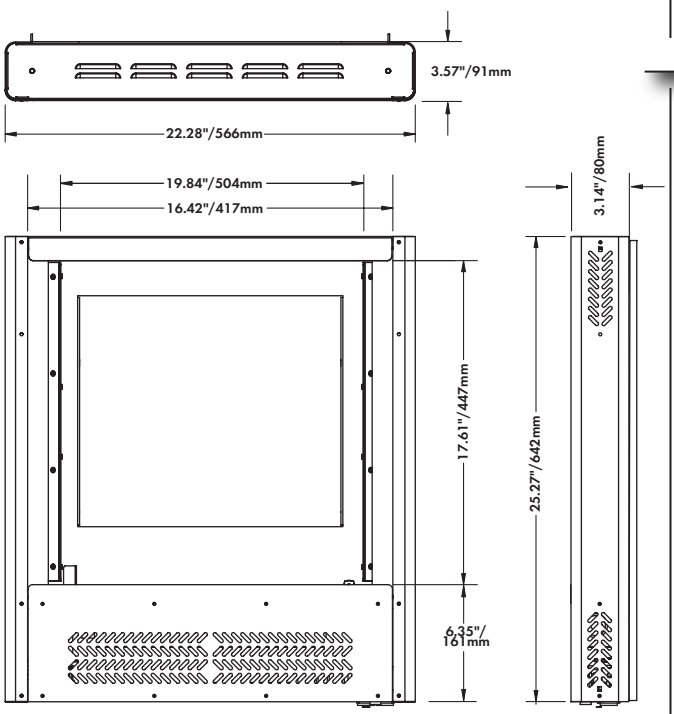
Dimensions & Weights

15-inch Model 815010



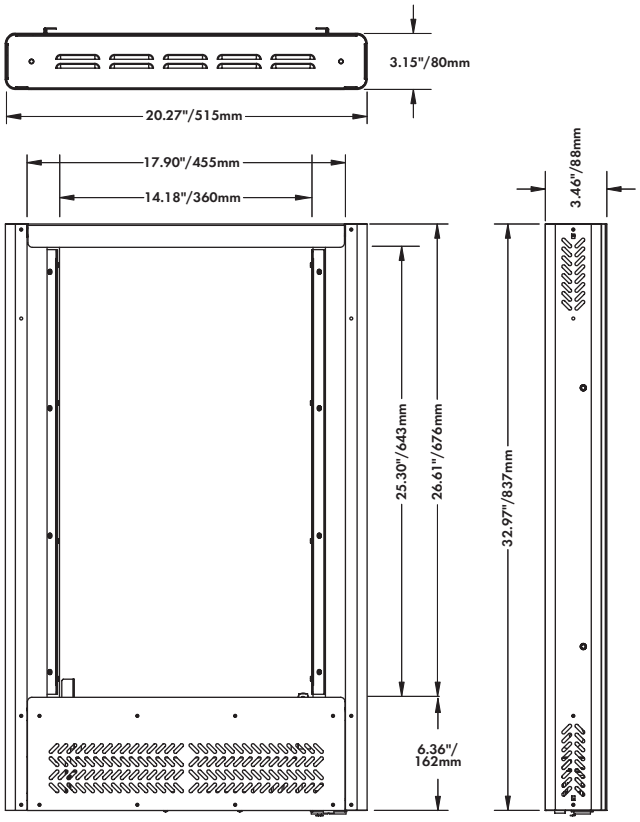
Weight: 13.0 lbs./5.8kg without mounting plate

Large Format Model 816090



Weight: 15.5 lbs./7.0kg without mounting plate

Eight Light Model 816080



Weight: 13.5 lbs./6.0kg without mounting plate

Ordering Information

COLORAM IT Color Changer	
Model	Description
815010	15-inch color changer
816090	Large format color changer
816080	Eight-light color changer
PS-SERIES Power Supply	
820150	150W power supply
820300	300W power supply
820600	600W power supply
COLORAM IT Accessories	
7042-XX	Power/Data Cable (XX=Length)*
COLORAM IT Gelstrings**	
815009–XX	15-inch gelstring (XX=number of frames up to 24)
81609–XX	Lrg. frmt. gelstring (XX=number of frames up to 24)
816049–XX	8-light gelstring (XX=number of frames up to 24)
COLORAM IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*
*** See COLOREXPRESS Gelstrings for available colors*

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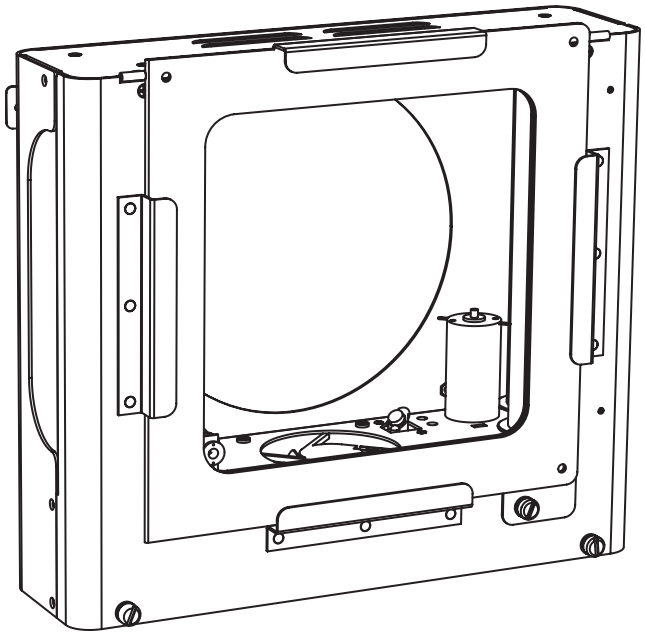


General

A component of the Wybron Infotrace Series of Products

Two individual gel strings with multiple densities of CMY for exceptional color integration

432 distinct colors available

User definable end frames

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Remote fan and/or Time to Destination addresses, user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

Parameters and features selectable with Infotrace/RDM:

Base Address

Sub Parameter Address (Fan Remote / Time to Destination)

Self Test Mode

Infotrace/RDM feedback information

Aperture Light Sensor

Unit Temperature Sensor

Pass Through Current

Hours Since Last Maintenance

Gel Colors (on IT equipped gel strings)

Gel Temperature Sensor

Gel string Broken Alert

Gel string Replacement Period Reached

Voltage Sensor

Fan RPM

Roller Stuck

Init Fail

Fan Stopped

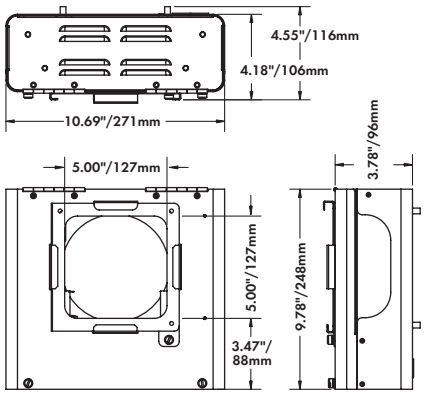
High Motor Current

Low Voltage Alert

Gel Wear Counter

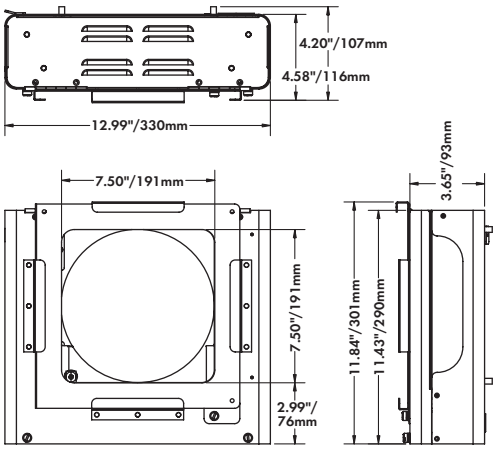
Dimensions & Weights

4-inch Model 84560



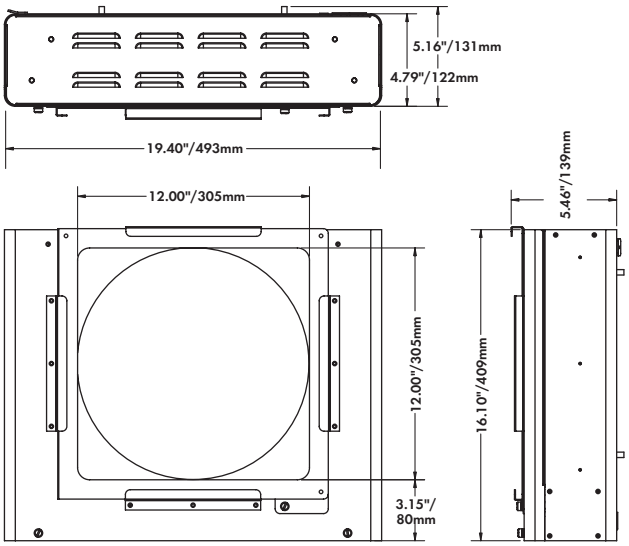
Weight: 6.0 lbs./2.6kg without mounting plate
Front Door: 6.25" accessory holder

7.5-inch Model 87200



Weight: 7.0 lbs./3.2kg without mounting plate
Front Door: 10.0" accessory holder

12-inch Model 812210



Weight: 10.5 lbs./4.8kg without mounting plate
Front Door: 14.0" accessory holder

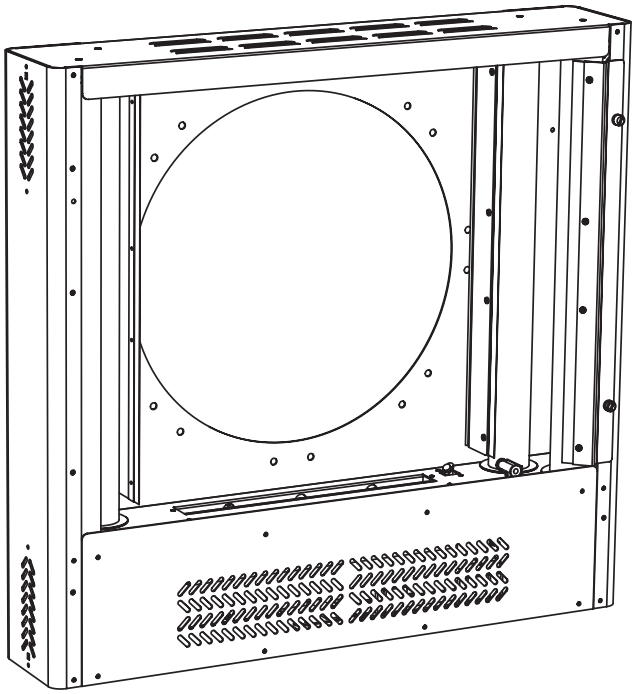
Ordering Information

CXI IT Color Changer	
Model	Description
84560	4-inch color changer
87200	7.5-inch color changer
812210	12-inch color changer
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
CXI Accessories	
7042-XX	Power/Data Cable (XX=Length)*
CXI IT Gelstrings	
84569–Front	4-inch gelstring
84569–Back	4-inch gelstring
87169–Front	7.5-inch gelstring
87169–Back	7.5-inch gelstring
812219–Front	12.0-inch gelstring
812219–Back	12.0-inch gelstring
CXI IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

WYBRON

Advancing The Art Of Lighting



General

A component of the Wybron Infotrace Series of Products

Two individual gel strings with multiple densities of CMY for exceptional color integration

432 distinct colors available

User definable end frames

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Remote fan and/or Time to Destination addresses, user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

Parameters and features selectable with Infotrace/RDM:

Base Address

Sub Parameter Address (Fan Remote / Time to Destination)

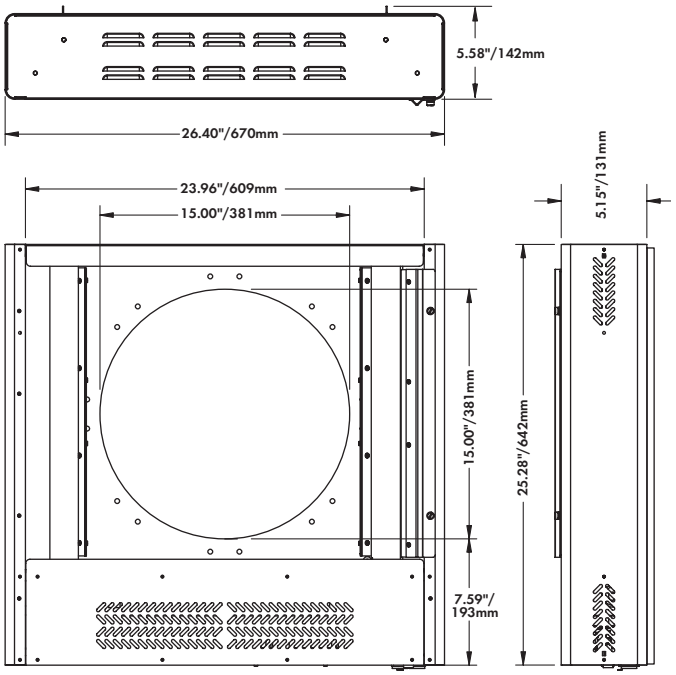
Self Test Mode

Infotrace/RDM feedback information

Aperture Light Sensor	Voltage Sensor
Unit Temperature Sensor	Fan RPM
Pass Through Current	Roller Stuck
Hours Since Last Maintenance	Init Fail
Gel Colors (on IT equipped gel strings)	Fan Stopped
Gel Temperature Sensor	High Motor Current
Gel string Broken Alert	Low Voltage Alert
Gel string Replacement Period Reached	Gel Wear Counter

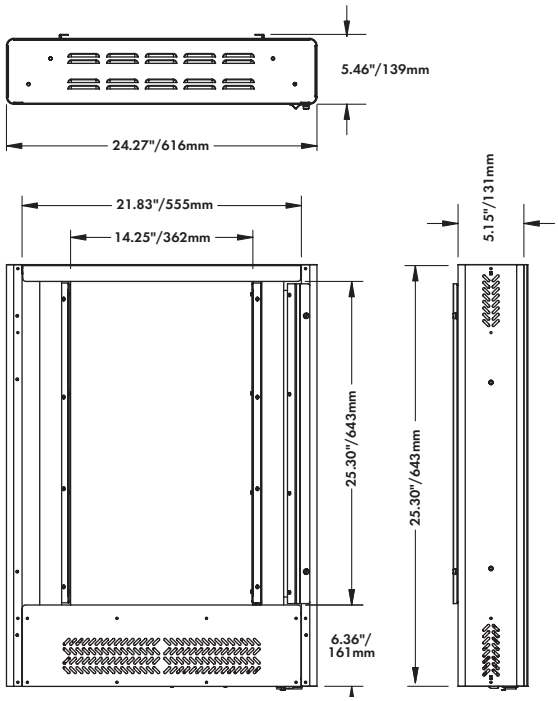
Dimensions & Weights

Large Format Model 816050



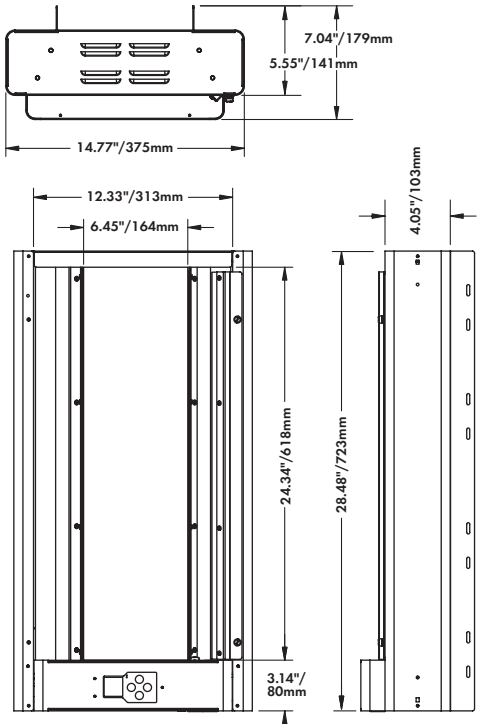
Weight: 22.5 lbs./10.2kg without mounting plate

Eight Light Model 816130



Weight: 23.5 lbs./10.8kg without mounting plate

MultiPAR Model 87240



Weight: 14.0 lbs./6.4kg without mounting plate

Ordering Information

CXI IT Color Changer	
Model	Description
816050	Large Format color changer
816130	Eight Light color changer
87240	MultiPAR color changer
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
CXI Accessories	
7042-XX	Power/Data Cable (XX=Length)*
CXI IT Gelstrings	
816059–Front	Large Format gelstring
816059–Back	Large Format gelstring
816139–Front	Eight Light gelstring
816139–Back	Eight Light gelstring
87249–Front	MultiPAR gelstring
87249–Back	MultiPAR gelstring
CXI IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

WYBRON

Advancing The Art Of Lighting

Introducing the Cygnus MF200, representing a leap forward for LED technology. The MF200 is astoundingly bright—as much as five times as bright as competing fixtures, and is also one of the one of the only luminaires in the world that uses integrated RGBW LEDs for in-lens color mixing—meaning that the color you see on the fixture is the color you'll see on the stage. It's also unbelievably efficient, which translates to marked energy savings, all without dimmers, gels, lamp replacement or color changers. This means more room on your rig and fewer lights to oversee. And with its excellent color rendering—as high as 92 CRI—and tighter beam angle, Cygnus MF200 is proof positive that Wybron continues to advance the art of lighting.

TEL 800.624.0146 WEB www.wybron.com

CONTROL

- Simple user interface
- 8 or 16 bit control mode for precise color mixing
- Smooth fading with 3000:1 dimming ratio and instant bumps
- RGB master mode allows you to pick a color using RGB and fade the selected color using the slider. Dimming is consistent with incandescent fixtures
- RGBW mode allows you to use all four elements to select exactly the color you want
- Strobe mode, with frequency and duty cycle control; also control color cycling
- High-speed mode for flicker-free high-shutter speed video or film lighting
- Standalone mode
- Master-slave capability
- Variable color temperature control, from 2800k to 7000k

OPTICS

- Multiple lens angles, rotatable, diffusers available
- Integrated RGBW elements for minimal rainbow shadows
- Very bright, extremely efficient so fewer fixtures are needed
- Front mounting mechanism for additional accessories
- RGBW elements allow for efficiency and high-accuracy whites

MECHANICAL

- Quiet, advanced thermal management system for longer life
- Rugged and compact aluminum construction
- Mounting hardware allows units to be grouped in lines or arrays
- Integral safety cable mount on fixture
- Compact, elegant design allows hanging on 12" centers

SPECIFICATIONS

Weight: 14.9 lb

Dimensions:
8.0"H x 9.0"W x 14.0"L

Power Consumption: 200W

Peak Field Lumens: 4590

Lamp Life: 60,000 hours

Peak CRI: 92

Connectors: 5-pin XLR In and Out for DMX/RDM control

Power Supply: 100-240 VAC 50-60Hz universal power supply

WYBRON

Introducing the Cygnus VN200, representing a leap forward for LED technology. The VN200, one of the newest additions to Wybron's Cygnus family, channels all of the astounding brightness of Cygnus into a tight, extra-powerful beam. It's also one of the only luminaires in the world that uses integrated RGBW LEDs for in-lens color mixing—meaning that the color you see on the fixture is the color you'll see on the stage. It's also unbelievably efficient, which translates to marked energy savings, all without dimmers, gels, lamp replacement or color changers. This means more room on your rig and fewer lights to oversee. And with its excellent color rendering—as high as 92 CRI—and tighter beam angle, Cygnus VN200 is proof positive that Wybron continues to advance the art of lighting.

CONTROL

- Simple user interface
- 8 or 16 bit control mode for precise color mixing
- Smooth fading with 3000:1 dimming ratio and instant bumps
- RGB master mode allows you to pick a color using RGB and fade the selected color using the slider. Dimming is consistent with incandescent fixtures
- RGBW mode allows you to use all four elements to select exactly the color you want
- Strobe mode, with frequency and duty cycle control; also control color cycling
- High-speed mode for flicker-free high-shutter speed video or film lighting
- Standalone mode
- Master-slave capability
- Variable color temperature control, from 2800k to 7000k

OPTICS

- Proprietary lens design
- Multiple lens angles, rotatable, diffusers available
- Integrated RGBW elements for minimal rainbow shadows
- Very bright, extremely efficient so fewer fixtures are needed
- Front mounting mechanism for additional accessories
- RGBW elements allow for efficiency and high-accuracy whites

MECHANICAL

- Quiet, advanced thermal management system for longer life
- Rugged and compact aluminum construction
- Mounting hardware allows units to be grouped in lines or arrays
- Integral safety cable mount on fixture
- Compact, elegant design allows hanging on 12" centers

SPECIFICATIONS

Weight: 14.9 lb

Dimensions:
8.0"H x 9.0"W x 14.0"L

Power Consumption: 200W

Peak Field Lumens: 4590

Beam Angle: 13°

Field Angle 25°

Lamp Life: 60,000 hours

Peak CRI: 92

Connectors: 5-pin XLR In and Out for DMX/RDM control

Power Supply: 100-240 VAC 50-60Hz universal power supply

WYBRON

Introducing the Cygnus VN100, representing a leap forward for LED technology. The VN100, one of the newest additions to Wybron's Cygnus family, channels all of the astounding brightness of Cygnus into a tight, extra-powerful beam. It's also one of the only luminaires in the world that uses integrated RGBW LEDs for in-lens color mixing—meaning that the color you see on the fixture is the color you'll see on the stage. It's also unbelievably efficient, which translates to marked energy savings, all without dimmers, gels, lamp replacement or color changers. This means more room on your rig and fewer lights to oversee. And with its excellent color rendering—as high as 92 CRI—and tighter beam angle, Cygnus VN100 is proof positive that Wybron continues to advance the art of lighting.

CONTROL

- Simple user interface
- 8 or 16 bit control mode for precise color mixing
- Smooth fading with 3000:1 dimming ratio and instant bumps
- RGB master mode allows you to pick a color using RGB and fade the selected color using the slider. Dimming is consistent with incandescent fixtures
- RGBW mode allows you to use all four elements to select exactly the color you want
- Strobe mode, with frequency and duty cycle control; also control color cycling
- High-speed mode for flicker-free high-shutter speed video or film lighting
- Standalone mode
- Master-slave capability
- Variable color temperature control, from 2800k to 7000k

OPTICS

- Proprietary lens design
- Multiple lens angles, rotatable, diffusers available
- Integrated RGBW elements for minimal rainbow shadows
- Very bright, extremely efficient so fewer fixtures are needed
- Front mounting mechanism for additional accessories
- RGBW elements allow for efficiency and high-accuracy whites

MECHANICAL

- Quiet, advanced thermal management system for longer life
- Rugged and compact aluminum construction
- Mounting hardware allows units to be grouped in lines or arrays
- Integral safety cable mount on fixture
- Compact, elegant design allows hanging on 12" centers

SPECIFICATIONS

Weight: 8.9 lb

Dimensions:
6.5"H x 6.25"W x 10.0"L

Input Power: 105 watts peak

Peak Field Lumens: 2250

Beam Angle: 13°

Field Angle 25°

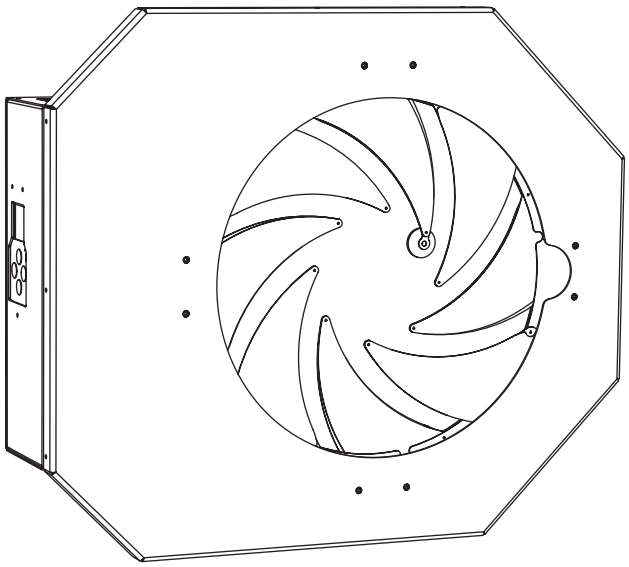
Lamp Life: 60,000 hours

Peak CRI: 92

Connectors: 5-pin XLR In and Out for DMX/RDM control

Power Supply: 100-240 VAC 50-60Hz universal power supply

WYBRON



General

A component of the Wybron Infotrace Series of Products

Color LCD display and 4 membrane buttons for user settings

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Extremely accurate aperture-like dowsing mechanism for smooth uniform light reduction with no light loss

Teflon coated aperture blades are .028 thick 304 stainless steel

Aperture Speed-Fast cut: 1K-.98 seconds
2K- 1.03 seconds

Low fan speed for quiet operation

Accessory "ears" for color changers, diffusion panels, etc. are standard.

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in the USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Local control mode via keypad or remote pendant

Fin position /main address, user selectable 1-512

Parameters and features selectable with Infotrace/RDM:

Base Address

Operating Personality

Firmware Upgrade

Infotrace/RDM feedback information

Aperture Light Sensor

Unit Temperature Sensor

Pass Through Current

Hours Since Last Maintenance

Fan Stopped

Fan RPM

High Motor Current

Voltage Sensor

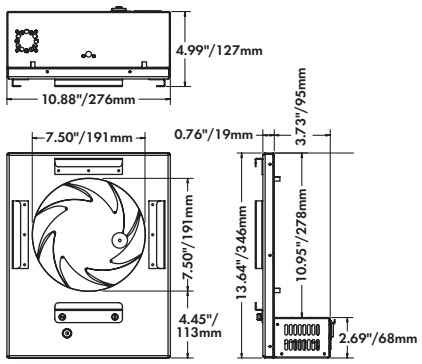
Init Fail

Low Voltage Alert

ECLIPSE IT IRIS Dowsers

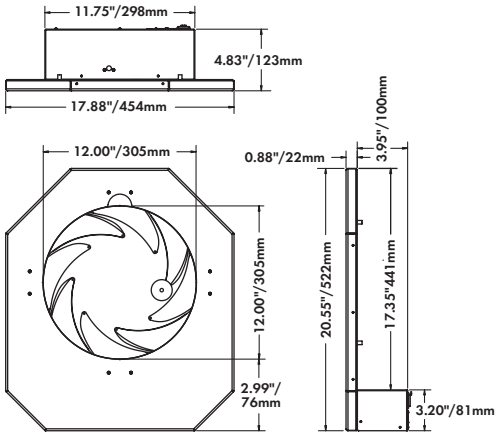
Dimensions & Weights

1K ECLIPSE IT IRIS Model 87250



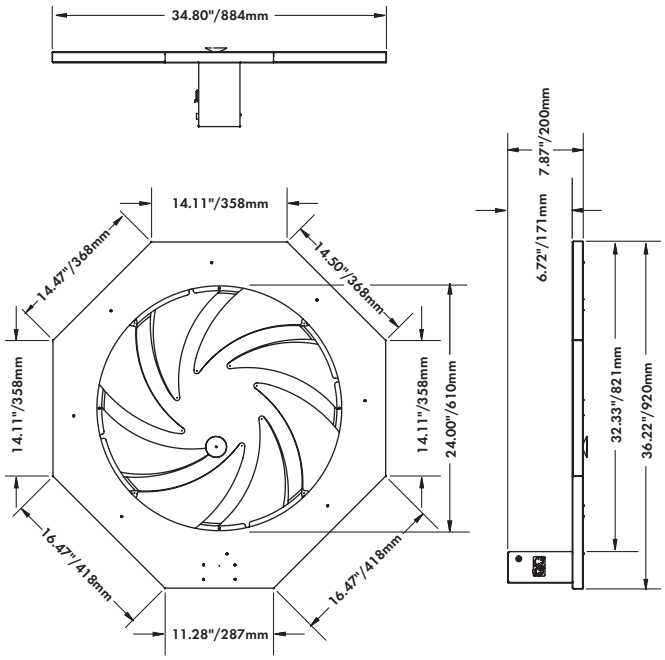
Weight: 4.60 lbs./2.09kg without mounting plate
Front Door: 6.25" accessory holder

2K ECLIPSE IT IRIS Model 812020



Weight: 8.40 lbs./3.81kg without mounting plate
Front Door: 14.0" accessory holder

24-inch ECLIPSE IT IRIS Model 823020



Weight: 31.96 lbs./14.5kg without mounting plate

Ordering Information

ECLIPSE IT IRIS Dowser	
Model	Description
87250	1K Dowser
812020	2K Dowser
823020	Large Format Dowser
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
ECLIPSE IT IRIS Accessories	
7042-XX	Power/Data Cable (XX=Length)*
ECLIPSE IT IRIS Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

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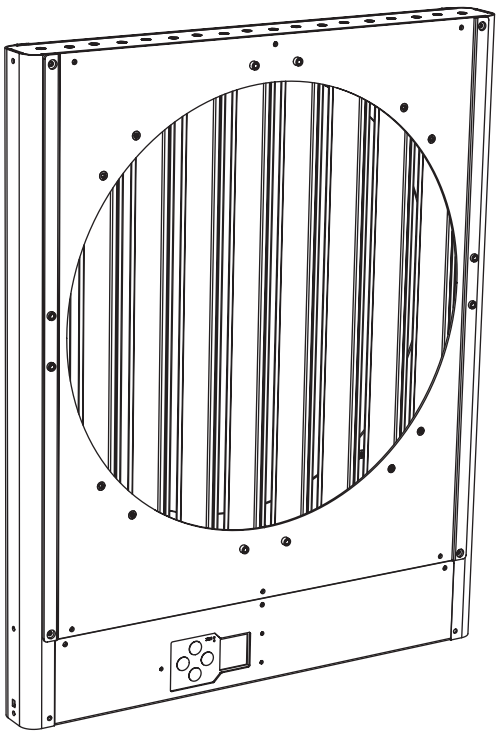
ECLIPSE IT SHUTTER Dowsers



General

A component of the Wybron Infotrace Series of Products

Color LCD display and 4 membrane buttons for user settings

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Alternating vertical finshutter movement for smooth uniform light reduction

Shutter Speed-Cross-fade Up to 60 seconds
Fast cut: 200 milliseconds (five times a second)
Strobe rate: 10CPS - 100ms (at 60% amplitude)

Low fan speed for quiet operation

Accessory "ears" for color changers, diffusion panels, etc. are standard.

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in the USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Local control mode via keypad or remote pendant

Fin position /main address, user selectable 1-512

Parameters and features selectable with Infotrace/RDM:

Base Address
Operating personality
Firmware Upgrade

Infotrace/RDM feedback information

Aperture Light Sensor
Unit Temperature Sensor
Pass Through Current
Hours Since Last Maintenance
Fan Stopped
Fan RPM
High Motor Current
Voltage Sensor
Init Fail
Low Voltage Alert

WYBRON
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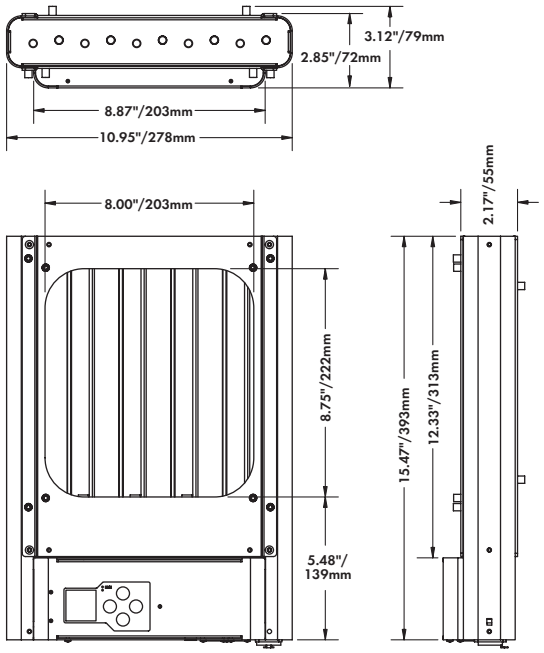
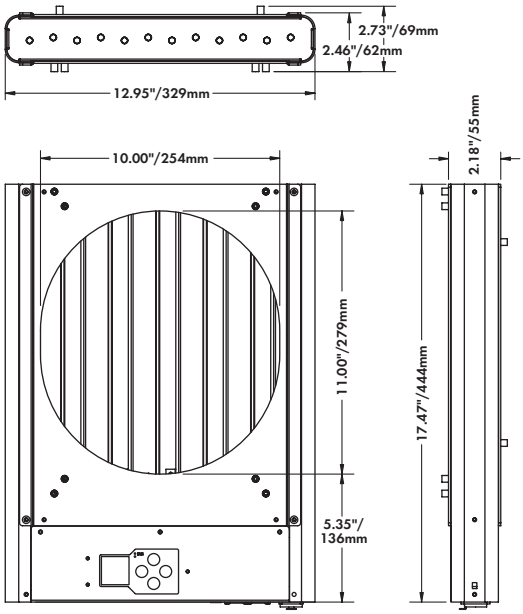
Dimensions & Weights

1K ECLIPSE IT Model 89001



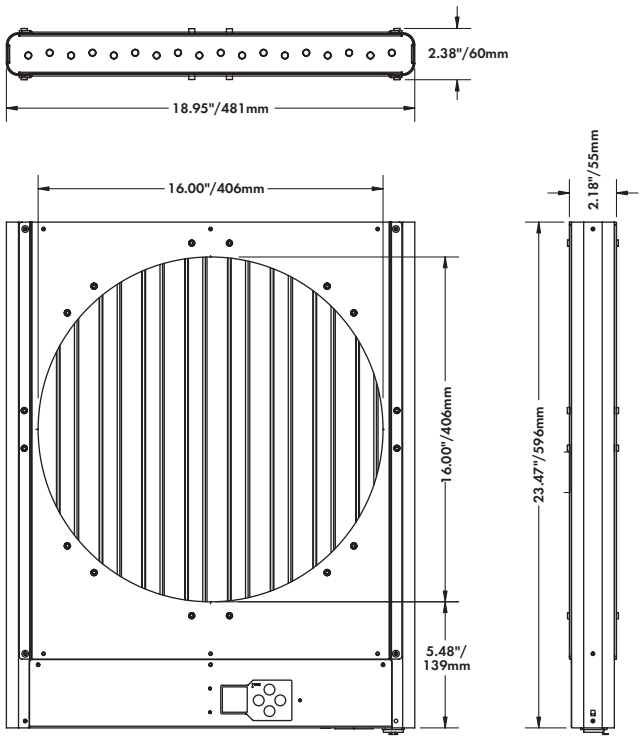
Weight: 5.52 lbs./2.51kg without mounting plate
Front Door: 6.25" accessory holder

2K ECLIPSE IT Model 811010



Weight: 5.62 lbs./2.55kg without mounting plate
Front Door: 14.0" accessory holder

Lrg. Frmt. ECLIPSE IT Model 817000



Weight: 6.16 lbs./2.79kg without mounting plate

Ordering Information

ECLIPSE IT Dowser	
Model	Description
89001	1K Dowser
811010	2K Dowser
817000	5K Dowser
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
ECLIPSE IT Accessories	
7042-XX	Power/Data Cable (XX=Length)*
ECLIPSE IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

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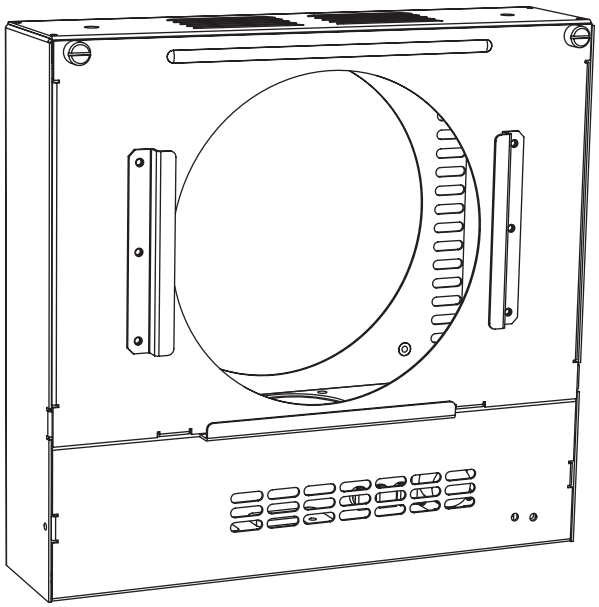


General

Designed to be an entry level color changer

Fits the most common wash and ellipssoidal fixtures

16 individual gel frames on 4" (Source Four) & 7.0" models

Features Wbron's Autoload system for easy gelstring loading

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Made in the USA

Power/Data

Receives 24v DC and DMX from Wybron PS Series Power Supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

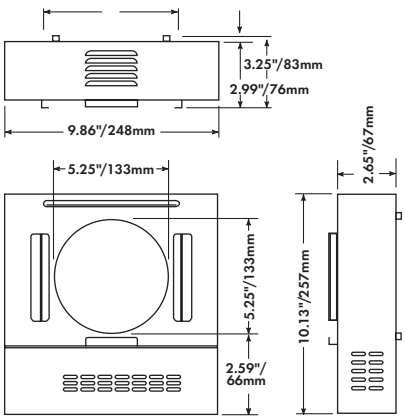
**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

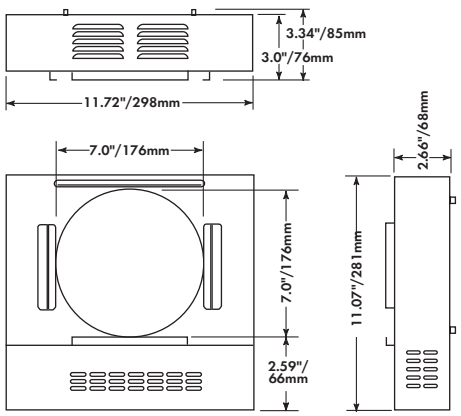
Dimensions & Weights

4-inch Model 4540



Weight: 3.0 lbs./1.361kg without mounting plate
Front Door: 6.25" accessory holder

7-inch Model 7140



Weight: 3.38 lbs./1.53kg without mounting plate
Front Door: 10.0" accessory holder

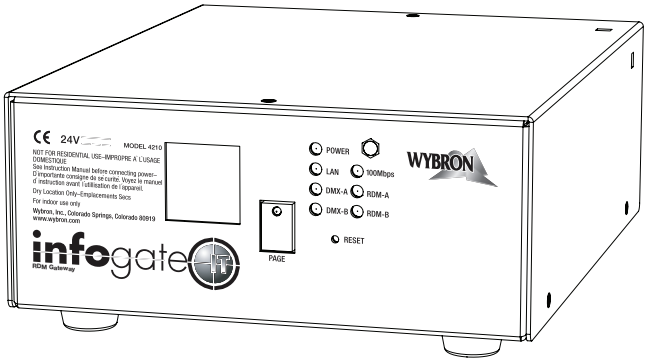
Ordering Information

FORERUNNER Color Changers	
Model	Description
4540	4-inch color changer
7140	7-inch color changer
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
FORERUNNER Accessories	
7042-XX	Power/Data Cable (XX=Length)*
FORERUNNER Gelstrings**	
4549–XX	4-inch gelstring (XX=number of frames up to 16)
7149–XX	7.0-inch gelstring (XX=number of frames up to 16)
FORERUNNER Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*
*** See COLOREXPRESS Gelstrings for available colors*

Specifications

infogate IT RDM Gateway



General

A component of the Wybron Infotrace Series of Products

Controls any DMX/RDM device as well as the following Wybron products:

- NEXERA LX Luminaires
- CXI IT Color Changers
- COLORAM IT Color Changers
- ECLIPSE IT SHUTTER/ ECLIPSE IT IRIS Dowsers

Front & rear LEDs indicating signal and power

Integrated stainless steel safety cable

Truss or rack mountable; free standing

.063" aluminum sheet metal construction

RJ-45 Ethernet connector for input

Two 5 pin DMX connectors for input

Two 5 pin XLR connector for 2 DMX universes of output

Made in USA

Power/Data*

Accepts all standard voltages worldwide (100-132 VAC 50/60 Hz and 170-240 VAC 50/60 Hz)

Sends/passes DXM/RDM

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control Inputs

DMX512-A inputs

Control Outputs

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Device Label

Firmware Upgrade

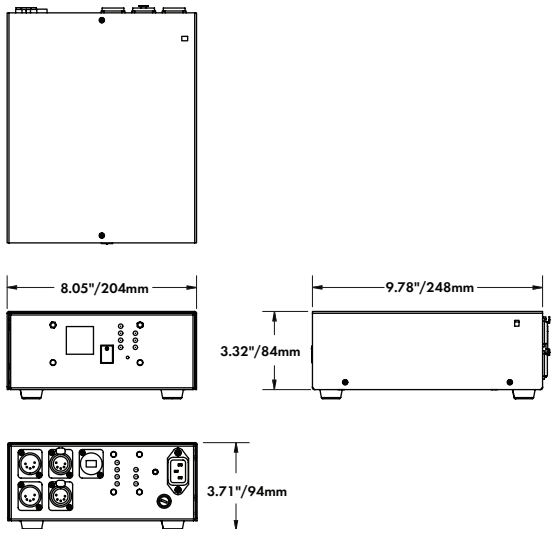
Infotrace/RDM feedback information

Type of Device

Device Drop Warning

Dimensions & Weights

INFOGATE IT Model 4210



Weight: 2.94 lbs./1.33kg

Ordering Information

INFOGATE IT RDM Gateway	
Model	Description
4210	RDM Gateway/Hub

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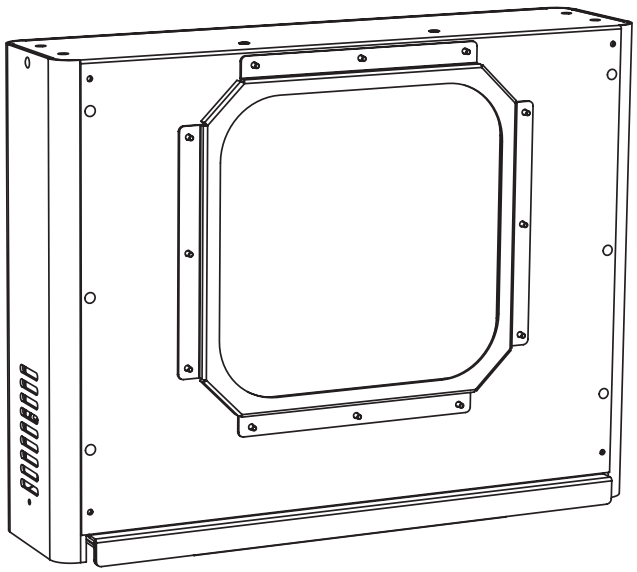


General

A component of the Wybron Infotrace Series of Products

Outdoor-rated (IP 65), weather-resistant models

Two individual gel strings with multiple densities of CMY for exceptional color integration

432 distinct colors available

User definable end frames

Color LCD display and 4 membrane buttons for user settings

Front mounting plate for additional accessories

Wide selection of fixture mounting plates

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Multiple operating personalities for different performance characteristics

Fan speed may be remote controlled or set to one of three options

"Time to Destination" option for gel movement

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Reverse polarity protection, unit will not be damaged by RAM II style PSUs

Made in USA

Power/Data

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Remote fan and/or Time to Destination addresses, user selectable 1-512

Sub parameter addresses do not need to be contiguous to main color position address

Parameters and features selectable with Infotrace/RDM:

Base Address

Sub Parameter Address (Fan Remote / Time to Destination)

Self Test Mode

Infotrace/RDM feedback information

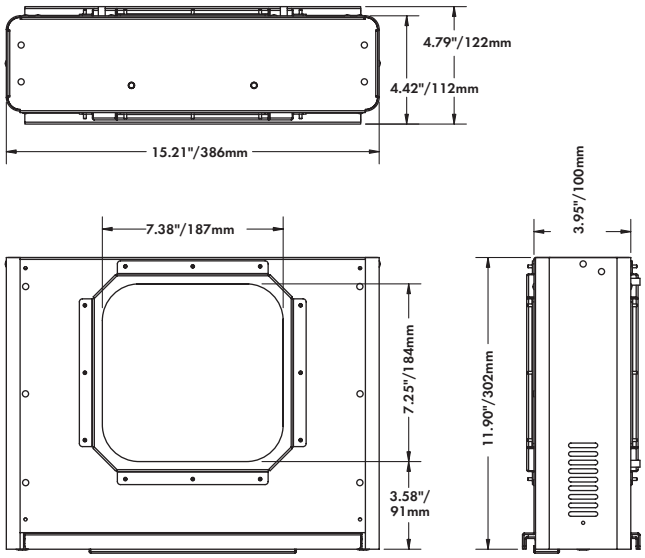
Aperture Light Sensor	Voltage Sensor
Unit Temperature Sensor	Fan RPM
Pass Through Current	Roller Stuck
Hours Since Last Maintenance	Init Fail
Gel Colors (on IT equipped gel strings)	Fan Stopped
Gel Temperature Sensor	High Motor Current
Gel string Broken Alert	Low Voltage Alert
Gel string Replacement Period Reached	Gel Wear Counter

Specifications–7.5-inch Mariner

Color Changers

Dimensions & Weights

7.5"Mariner Model 87220



Weight: 7.0 lbs./3.2kg without mounting plate

Ordering Information

CXI IT Color Changer	
Model	Description
87220	7.5-inch Mariner color changer
PS-SERIES Power Supply	
820150	150W power Supply
820300	300W power Supply
820600	600W power Supply
CXI Accessories	
7042-XX	Power/Data Cable (XX=Length)*
CXI IT Gelstrings	
87179–Front	7.5-inch Mariner gelstring
87179–Back	7.5-inch Mariner gelstring
CXI IT Mounting Plate INCLUDED. To specify size, see website.	

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

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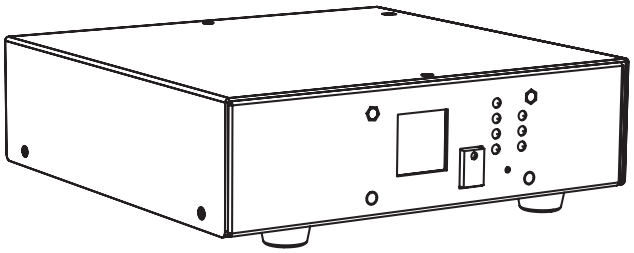
Specifications

NET IT 2-Port Node



General

A component of the Wybron Infotrace Series of Products

Controls any DMX/RDM device as well as the following Wybron products:

- NEXERA LX Luminaires
- CXI IT Color Changers
- COLORAM IT Color Changers
- ECLIPSE IT SHUTTER/ ECLIPSE IT IRIS Dowsers

Front & rear LEDs indicating signal and power

Integrated stainless steel safety cable

Truss or rack mountable; free standing

.063" aluminum sheet metal construction

RJ-45 ethernet connector for input

Two 5 pin XLR connector for 2 DMX univeres of output

Made in USA

Power/Data*

Accepts all standard voltages worldwide (100-132 VAC 50/60 Hz and 170-240 VAC 50/60 Hz

Sends/passes DXM/RDM

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control Inputs

Artnet over ethernet

ANSI E1.31-Interoperable ethernet transport for DMX 512A

Control Outputs

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Device Label

Firmware Upgrade

Infotrace/RDM feedback information

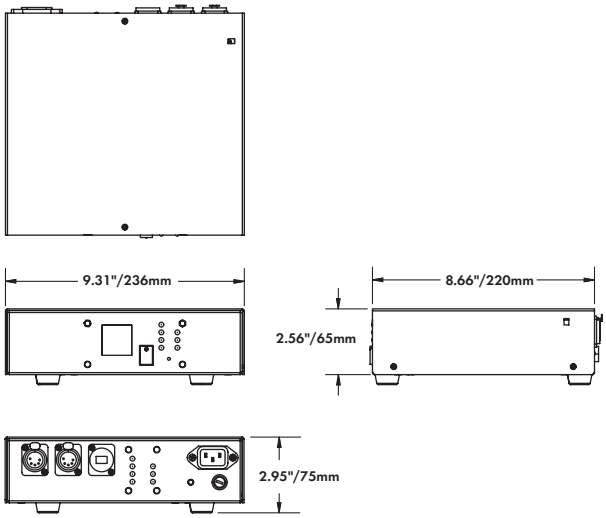
Type of Device

Device Drop Warning

Specifications

Dimensions & Weights

NET IT Model 20620



Weight: 2.94 lbs./1.33kg

Ordering Information

NET IT 2-Port Node	
Model	Description
20620	2-Port Node

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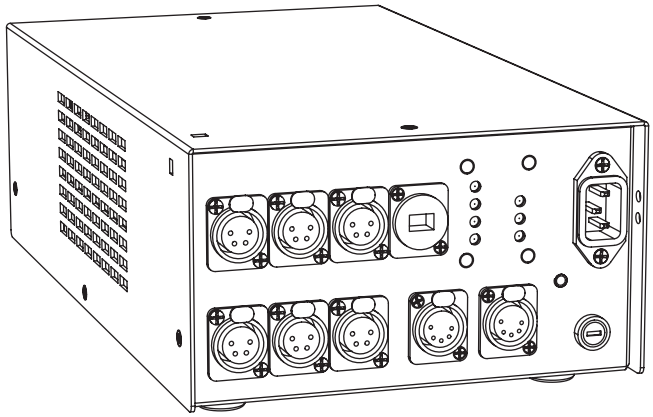
NET IT PS-600

2-Port Node/
Power Supply



General

A component of the Wybron Infotrace Series of Products

Control and power for the following Wybron products:

- NEXERA LX Luminaires
- CXI IT Color Changers
- COLORAM IT Color Changers
- ECLIPSE IT SHUTTER/ECLIPSE IT IRIS Dowsers
- FORERUNNER Color Changers

Front & rear LEDs indicating signal and power

Integrated stainless steel safety cable

Truss or rack mountable; free standing

.063" aluminum sheet metal construction

RJ-45 connector for ethernet input

Six 4 pin XLR connector for power and data

Two 5 pin XLR connector for 2 DMX universes of output

Made in USA

Power/Data*

Accepts all standard voltages worldwide (100-132 VAC 50/60 Hz and 170-240 VAC 50/60 Hz

Sends/passes 24v DC and DXM/RDM

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control Inputs

Artnet over Ethernet

ANSI E1.31-Interoperable ethernet transport for DMX 512A

Control Outputs

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Device Label

Firmware Upgrade

Infotrace/RDM feedback information

Type of Device

Voltage Output Sensor

Device Drop Warning

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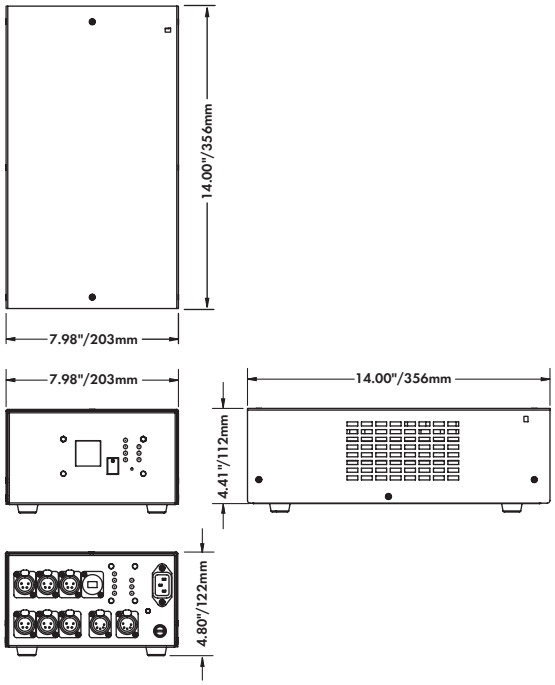
Specifications

NET IT PS-600
2-Port Node/
Power Supply

Dimensions & Weights

NET IT PS-600 Model 20610



Weight: 7.90 lbs./3.58kg

Equipment Compatibility**

The following is a chart of compatibility and capacity of the NET IT PS-600 2-port Node/Power Supply and the companion devices.

2-port Node/600W Power Supply			NET IT PS-600
Model			20610
Output Power			600W
Maximum devices per Power Supply			
Description	Model	Head Ft.	
CXI IT 7.5"	87200	1500	24
CXI IT 4"	84560	1500	24
CXI IT Lg Format	816050	750	9
CXI IT 12"	812210	500	8
CXI IT 8-light	816130	750	12
CXI IT Mariner	87220	1500	24
CXI IT MultiPar	87240	1000	18
NEXERA LX (tungsten)	2560LX, 2570LX, 2640LX	1500	32
NEXERA LX (CDM)	2580LX, 2600LX, 2650LX	1500	24
COLORAM IT 7.5"	87110	1500	24
COLORAM IT 4"	84520	1500	24
COLORAM IT 10"	810100	1000	16
COLORAM IT Lg Frmt	816090	1000	24
COLORAM IT 15"	815010	1000	24
COLORAM IT 8-light	816080	1000	20
AQUARAM IT 7.5"	87080	1000	20
AQUARAM IT Lg Frmt	85000	1000	24
ECLIPSE IT SHUTTER 1K	89001	1500	32
ECLIPSE IT SHUTTER 2K	811010	1500	32
ECLIPSE IT SHUTTER Lg Frmt	817000	1500	32
ECLIPSE IT IRIS 1K	87250	1500	24
ECLIPSE IT IRIS 2K	812020	1500	24
ECLIPSE IT IRIS 24"	823020	750	12
FORERUNNER 4"	4540	n/a	64
FORERUNNER 7"	7140	n/a	64

[1] Some watts/unit numbers are rounded up/down ** The above information assumes devices are on different channels and all move simultaneously

Ordering Information

NET IT PS-600 Power Supply	
Model	Description
20610	2-port Node 600W Power Supply
NET IT PS-600 Power Supply Accessories	
7042-XX	Power/Data Cable (XX=Length)*

* *Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

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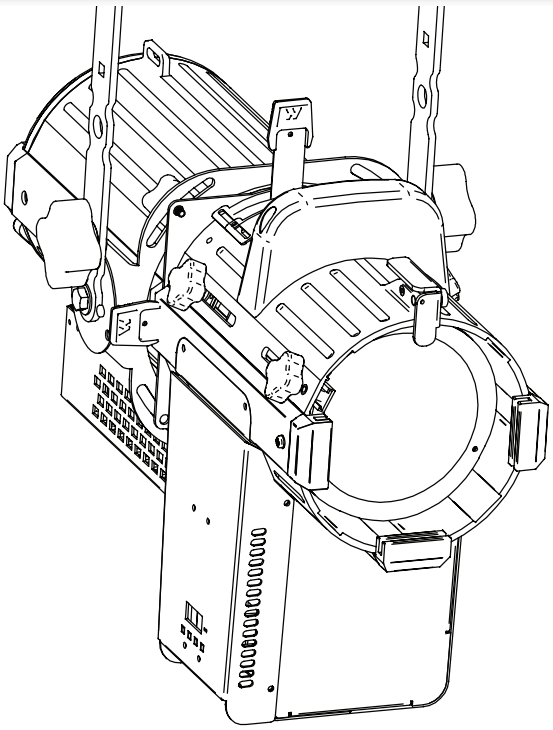


General

A component of the Wybron Infotrace Series of Products

Integral Color Module provides a nearly infinite color palette plus mechanical dimming via 4-channel DMX control

Gate Assembly: Four 20 gauge stainless steel shutters operating in three independent planes, with "M" size Gobo and Iris slot

150 watt compact, CDM light source

Integral electronic ballast

Precise, tool-free lamp optimization

Standard 6.25-inch accessory holders

Integral safety cable mount on fixture

Color LCD display for user settings

Front mounting plate for additional accessories

Integrated stainless steel safety cable

Precision milled aluminum construction

Compact, elegant design allows hanging on 12" centers

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Extremely quiet, convection cooled, no fans

High impact, thermally insulating handles

Yoke: Flat steel with two mounting positions

UL Approved

Made in the USA

Power/Data

Ballast voltage 120/277 VAC

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Control input and daisy chain via 4 pin XLR

Parameters and features selectable with Infotrace/RDM:

Base Address

Firmware Upgrade

Optical

Computer optimized optics

Reflector: Dichroic coated borosilicate cold mirror

Lenses: High temperature borosilicate

Accessories

Includes malleable iron pipe clamp

Optionally available with installed Stage pin, Twist lock & Edison connectors

Black gobo holder

Specifications–19°-26° Profile–CDM Source

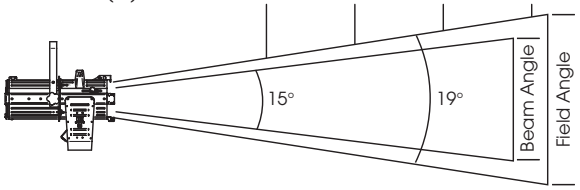
NEXERA™ LX Luminaire Series

Photometrics–150W CDM Lamp @ 115V

Narrow Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
19°	73,750 (Cd)	4150	27.7 LPW	29.6%

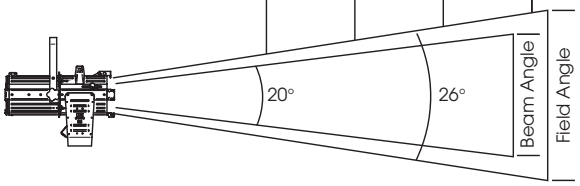
Distance (ft)	25	50	75	100
Field Diameter (ft)	8.4	16.8	25.3	33.7
Illumination (fc)	118	30	13	7



Wide Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
26°	48,825 (Cd)	4470	29.8 LPW	31.9%

Distance (ft)	15	30	45	60
Field Diameter (ft)	6.9	13.8	20.8	27.7
Illumination (fc)	217	54	24	14



Specifications as of 2/1/06 and may be subject to change

Lamp Data

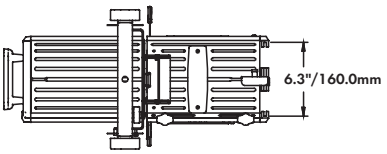
Socket: G12 style, rated to 350° C

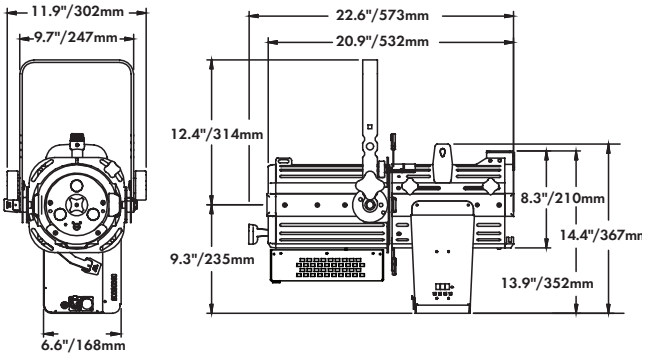
Tool-free precision lamp alignment

Lamp Watts(nominal)	150
Rated Lumens	14,000
Rated Hours	10,000
Color Temp	3000K
Color Rendering Index	85
Efficacy	93

Dimensions & Weights

19°-26° Profile (CDM) Model 2650LX





Weight: Weight: 24.9 lbs. (11.3 kg)
Accessory holder: 6.25"

Ordering Information

NEXERA Luminaire	
Model	Description
2650LX	NEXERA 19°-26° Profile (CDM)
NEXERA Accessories	
703-03-09BK	Safety Cable
258-01-01P	Black Gobo Holder
287391	Lamp, GLC 115V
294322	Lamp, GLA 115V
363721	Lamp, GKV 230V
363739	Lamp, GLB 230V
7042-XX	Power/Data Cable (XX=Length)*
NEXERA Power Supply (PS-Series)	
20600	Power Supply for 24 NEXERA Luminaires
20300	Power Supply for 12 NEXERA Luminaires
20150	Power Supply for 6 NEXERA Luminaires
NEXERA AC Power Connectors	
PP2PGMC	Stage Pin Connector
LEV2311BK	Twist Lock Connector
HBL5266C	Edison Connector

*Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths

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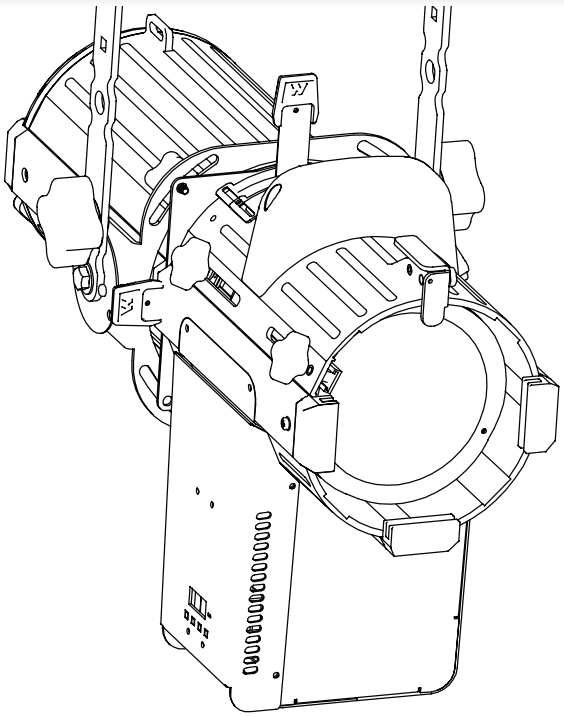


General

A component of the Wybron Infotrace Series of Products

Integral Color Module provides a nearly infinite color palette via 3-channel DMX control

Gate Assembly: Four 20 gauge stainless steel shutters operating in three independent planes, with "M" size Gobo and Iris slot

575 watt compact tungsten, high CRI source (GLC/GLA)

Precise, tool-free lamp optimization

Integral safety cable mount on fixture

Color LCD display for user settings

Front mounting plate for additional accessories

Precision milled .063" aluminum construction

Integrated stainless steel safety cable

.063" aluminum sheet metal construction

Compact, elegant design allows hanging on 12" centers

Zoom adjust detents at 19° and 26° for quick setup

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Extremely quiet, convection cooled, no fans

High impact, thermally insulating handles

Yoke: Flat steel with two mounting positions

UL Approved

Made in the USA

Power/Data

Lamp line voltage 120/240 VAC

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Control input and daisy chain via 4 pin XLR

Parameters and features selectable with Infotrace/RDM:

Base Address

Firmware Upgrade

Optical

Computer optimized optics

Reflector: Dichroic coated borosilicate cold mirror

Lenses: High temperature borosilicate

Accessories

Includes malleable iron pipe clamp

Optionally available with installed Stage pin, Twist lock & Edison connectors

Black gobo holder

Specifications–19°-26° Profile–Tungsten Source

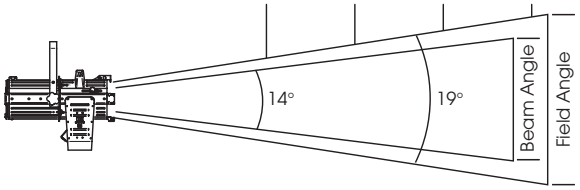
NEXERA™ LX Luminaire Series

Photometrics–Tungsten 575W GLC @115V

Narrow Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
19°	154,375 (Cd)	7030	12.2 LPW	45.3%

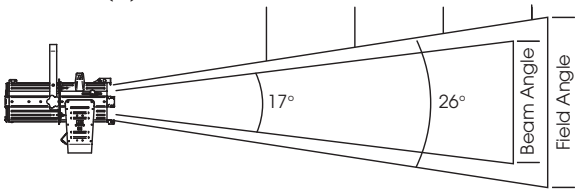
Distance (ft)	25	50	75	100
Field Diameter (ft)	8.3	16.7	25.0	33.3
Illumination (fc)	247	62	27	15



Wide Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
26°	105,625 (Cd)	7215	12.5 LPW	46.5%

Distance (ft)	25	50	75	100
Field Diameter (ft)	11.1	22.2	33.3	44.3
Illumination (fc)	169	42	19	11



Specifications as of 2/1/06 and may be subject to change

Lamp Data

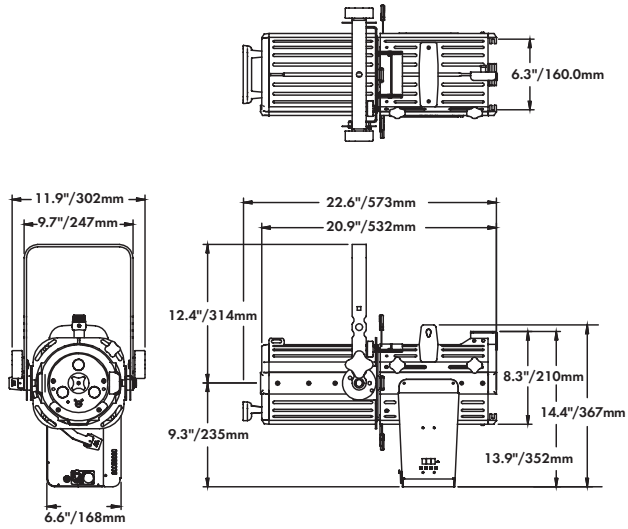
ANSI Code	Watts	Rated VAC	Color Temp	Rated Hours	Rated Lumens
GLC	575	115	3200	400	15500
GLA	575	115	3100	1500	13500
GKV	600	230	3200	400	15000
GLB	600	230	3100	1500	13000

Socket: G9.5 style, rated to 350° C

Tool-free precision lamp alignment

Dimensions & Weights

19°-26° Profile (Tungsten) Model 2640LX



Weight: Weight: 24.9 lbs. (11.3 kg)
Accessory holder: 6.25"

Ordering Information

NEXERA Luminaire	
Model	Description
2640LX	NEXERA 19°-26° Profile (Tungsten)
NEXERA Accessories	
703-03-09BK	Safety Cable
258-01-01P	Black Gobo Holder
287391	Lamp, GLC 115V
294322	Lamp, GLA 115V
363721	Lamp, GKV 230V
363739	Lamp, GLB 230V
7042-XX	Power/Data Cable (XX=Length)*
NEXERA Power Supply (PS-Series)	
20600	Power Supply for 24 NEXERA Luminaires
20300	Power Supply for 12 NEXERA Luminaires
20150	Power Supply for 6 NEXERA Luminaires
NEXERA AC Power Connectors	
PP2PGMC	Stage Pin Connector
LEV2311BK	Twist Lock Connector
HBL5266C	Edison Connector

*Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths

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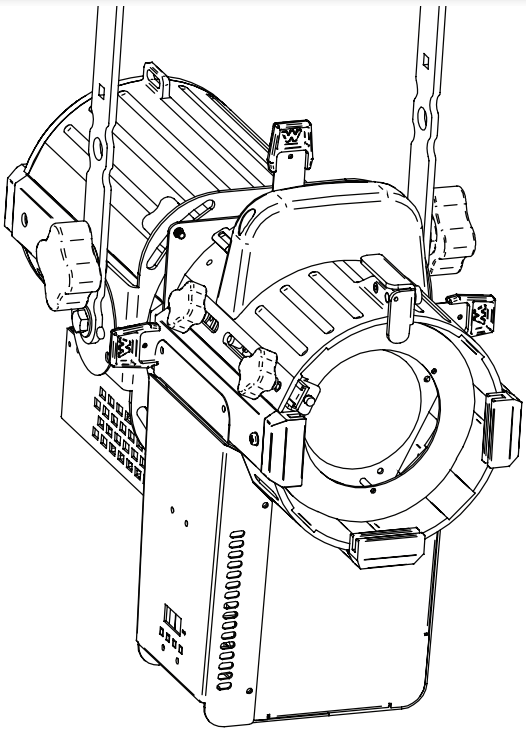

General

A component of the Wybron Infotrace Series of Products

Integral Color Module provides a nearly infinite color palette plus mechanical dimming via 4-channel DMX control

Gate Assembly: Four 20 gauge stainless steel shutters operating in three independent planes, with "M" size Gobo and Iris slot

150 watt compact, CDM light source

Integral electronic ballast

Precise, tool-free lamp optimization

Standard 6.25-inch accessory holders

Integral safety cable mount on fixture

Color LCD display for user settings

Front mounting plate for additional accessories

Integrated stainless steel safety cable

Precision milled aluminum construction

Compact, elegant design allows hanging on 12" centers

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Extremely quiet, convection cooled, no fans

High impact, thermally insulating handles

Yoke: Flat steel with two mounting positions

UL Approved

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Power/Data

Ballast voltage 120/277 VAC

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Control input and daisy chain via 4 pin XLR

Parameters and features selectable with Infotrace/RDM:

Base Address

Firmware Upgrade

Optical

Computer optimized optics

Reflector: Dichroic coated borosilicate cold mirror

Lenses: High temperature borosilicate

Accessories

Includes malleable iron pipe clamp

Optionally available with installed Stage pin, Twist lock & Edison connectors

Black gobo holder

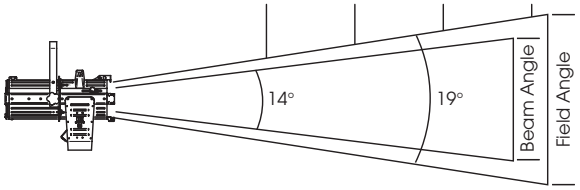
Specifications–25°-40° Profile–Tungsten Source

Photometrics–Tungsten 575W GLC @115V

Narrow Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
19°	154,375 (Cd)	7030	12.2 LPW	45.3%

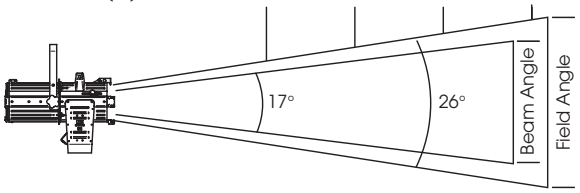
Distance (ft)	25	50	75	100
Field Diameter (ft)	8.3	16.7	25.0	33.3
Illumination (fc)	247	62	27	15



Wide Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
26°	105,625 (Cd)	7215	12.5 LPW	46.5%

Distance (ft)	25	50	75	100
Field Diameter (ft)	11.1	22.2	33.3	44.3
Illumination (fc)	169	42	19	11



Specifications as of 2/1/06 and may be subject to change

Lamp Data

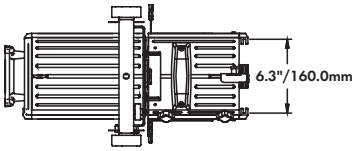
ANSI Code	Watts	Rated VAC	Color Temp	Rated Hours	Rated Lumens
GLC	575	115	3200	400	15500
GLA	575	115	3100	1500	13500
GKV	600	230	3200	400	15000
GLB	600	230	3100	1500	13000

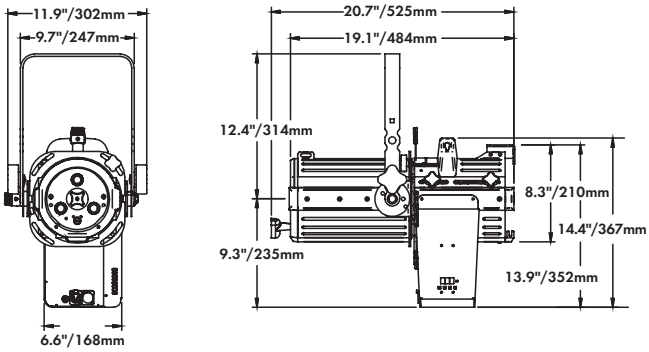
Socket: G9.5 style, rated to 350° C

Tool-free precision lamp alignment

Dimensions & Weights

25°-40° Profile (Tungsten) Model 2570LX



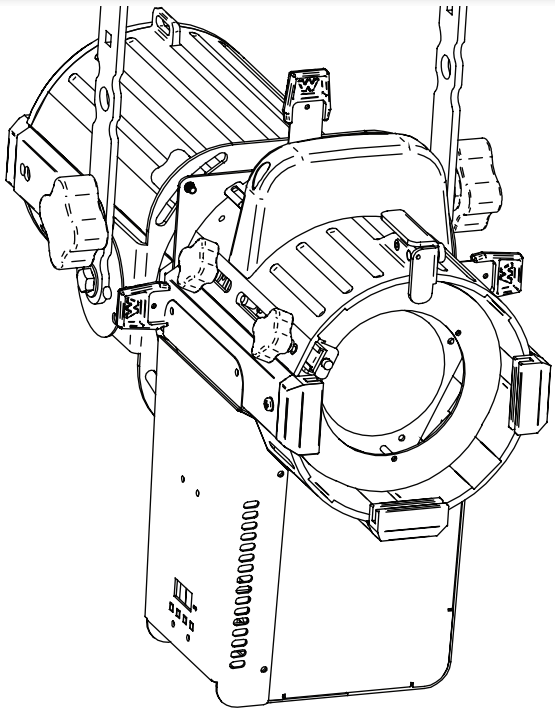


Weight: Weight: 24.9 lbs. (11.3 kg)
Accessory holder: 6.25"

Ordering Information

NEXERA Luminaire	
Model	Description
2570LX	NEXERA Profile
NEXERA Accessories	
703-03-09BK	Safety Cable
258-01-01P	Black Gobo Holder
287391	Lamp, GLC 115V
294322	Lamp, GLA 115V
363721	Lamp, GKV 230V
363739	Lamp, GLB 230V
7042-XX	Power/Data Cable (XX=Length)*
NEXERA Power Supply (PS-Series)	
20600	Power Supply for 24 NEXERA Luminaires
20300	Power Supply for 12 NEXERA Luminaires
20150	Power Supply for 6 NEXERA Luminaires
NEXERA AC Power Connectors	
PP2PGMC	Stage Pin Connector
LEV2311BK	Twist Lock Connector
HBL5266C	Edison Connector

*Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths



General

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575 watt compact tungsten, high CRI source (GLC/GLA)

Precise, tool-free lamp optimization

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Integral safety cable mount on fixture

Color LCD display for user settings

Front mounting plate for additional accessories

Precision milled aluminum construction

Integrated stainless steel safety cable

Compact, elegant design allows hanging on 12" centers

Zoom adjust detents at 25° and 40° for quick setup

Accepts power and data on one cable

4 pin XLR connector for power and data

4 pin XLR connector output for daisy chaining units

Extremely quiet, convection cooled, no fans

High impact, thermally insulating handles

Yoke: Flat steel with two mounting positions

UL Approved

Made in USA

Power/Data

Lamp line voltage 120/240 VAC

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Control input and daisy chain via 4 pin XLR

Parameters and features selectable with Infotrace/RDM:

Base Address

Firmware Upgrade

Optical

Computer optimized optics

Reflector: Dichroic coated borosilicate cold mirror

Lenses: High temperature borosilicate

Accessories

Includes malleable iron pipe clamp

Optionally available with installed Stage pin, Twist lock & Edison connectors

Black gobo holder

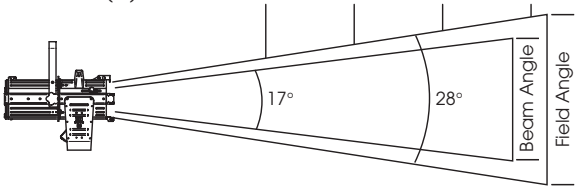
Specifications–25°-40° Profile–CDM Source

Photometrics–150W CDM Lamp @ 115V

Narrow Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
28°	55,650 (Cd)	5150	34.3 LPW	36.8%

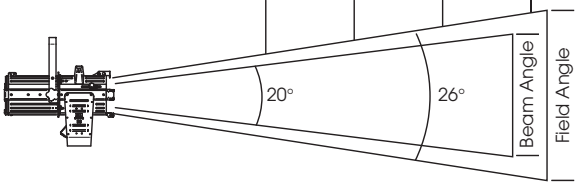
Distance (ft)	10	20	30	40
Field Diameter (ft)	4.9	9.8	14.7	19.6
Illumination (fc)	555	139	62	35



Wide Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
43°	26,690 (Cd)	5060	33.7 LPW	36.1%

Distance (ft)	10	15	20	25
Field Diameter (ft)	7.7	11.8	15.6	19.5
Illumination (fc)	266	119	67	43



Specifications as of 2/1/06 and may be subject to change

Lamp Data

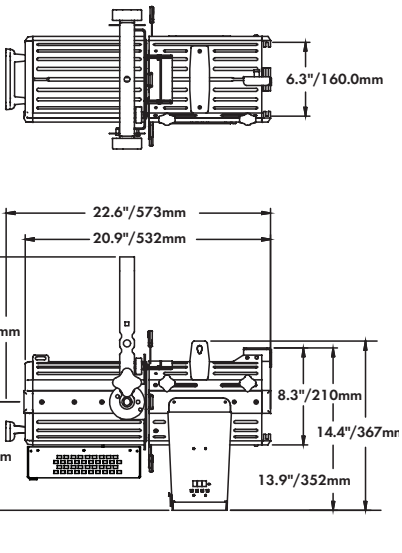
Socket: G12 style, rated to 350° C

Tool-free precision lamp alignment

Lamp Watts(nominal)	150
Rated Lumens	14,000
Rated Hours	10,000
Color Temp	3000K
Color Rendering Index	85
Efficacy	93

Dimensions & Weights

25°-40° Profile (CDM) Model 2600LX



Weight: Weight: 24.9 lbs. (11.3 kg)
Accessory holder: 6.25"

Ordering Information

NEXERA Luminaire	
Model	Description
2600LX	NEXERA 25°-40° Profile (CDM)
NEXERA Accessories	
703-03-09BK	Safety Cable
258-01-01P	Black Gobo Holder
287391	Lamp, GLC 115V
294322	Lamp, GLA 115V
363721	Lamp, GKV 230V
363739	Lamp, GLB 230V
7042-XX	Power/Data Cable (XX=Length)*
NEXERA Power Supply (PS-Series)	
20600	Power Supply for 24 NEXERA Luminaires
20300	Power Supply for 12 NEXERA Luminaires
20150	Power Supply for 6 NEXERA Luminaires
NEXERA AC Power Connectors	
PP2PGMC	Stage Pin Connector
LEV2311BK	Twist Lock Connector
HBL5266C	Edison Connector

*Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths

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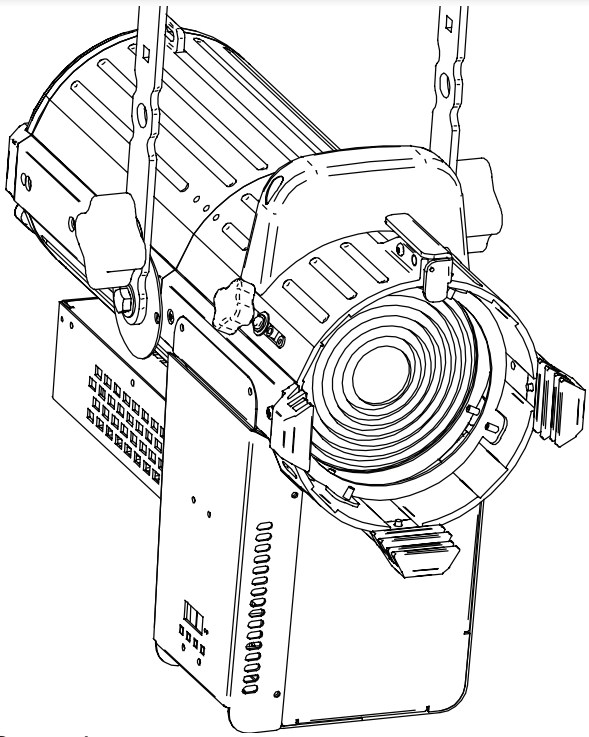

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UL Approved

Made in the USA

Power/Data

Ballast voltage 120/277 VAC

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Cable: 36" Teflon coated leads encased in heat resistant black fiberglass sleeve

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Color position /main address, user selectable 1-512

Control input and daisy chain via 4 pin XLR

Parameters and features selectable with Infotrace/RDM:

Base Address

Firmware Upgrade

Optical

Computer optimized optics

Reflector: Dichroic coated borosilicate cold mirror

Lenses: High temperature borosilicate

Accessories

Includes malleable iron pipe clamp

Optionally available with installed Stage pin, Twist lock & Edison connectors

Black gobo holder

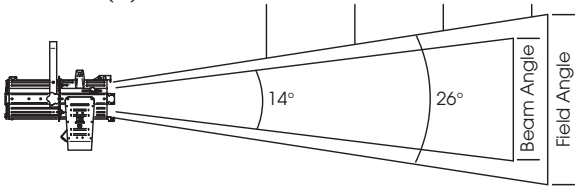
Specifications–Wash–CDM Source

Photometrics–150W CDM Lamp @ 115V

Narrow Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
26°	77,200 (Cd)	4770	31.8 LPW	34.1%

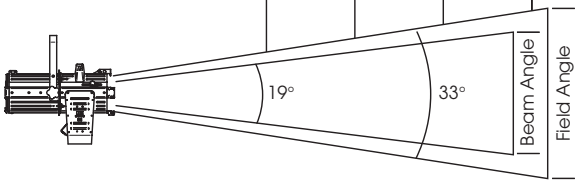
Distance (ft)	20	30	40	50
Field Diameter (ft)	9.3	13.8	18.4	23.0
Illumination (fc)	198	86	48	31



Wide Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
33°	44,940 (Cd)	5080	33.9 LPW	36.3%

Distance (ft)	10	15	20	25
Field Diameter (ft)	7.7	11.8	15.6	19.5
Illumination (fc)	266	119	67	43



Specifications as of 2/1/06 and may be subject to change

Lamp Data

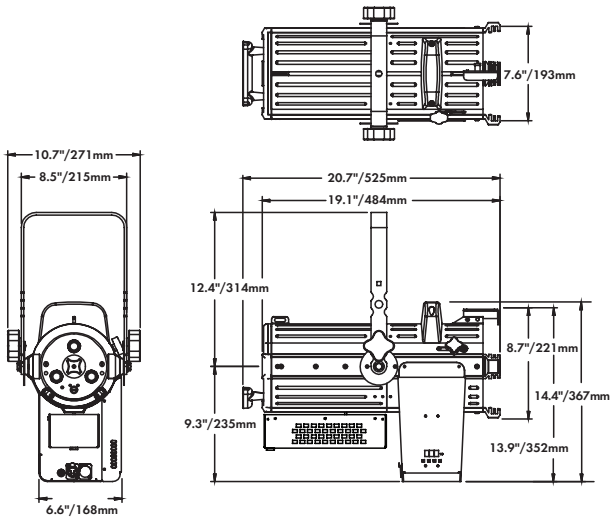
Socket: G12 style, rated to 350° C

Tool-free precision lamp alignment

Lamp Watts(nominal)	150
Rated Lumens	14,000
Rated Hours	10,000
Color Temp	3000K
Color Rendering Index	85
Efficacy	93

Dimensions & Weights

Wash (CDM) Model 2580LX



Weight: Weight: 24.9 lbs. (11.3 kg)
Accessory holder: 7.5"

Ordering Information

NEXERA Luminaire	
Model	Description
2580LX	NEXERA Wash (CDM)
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703-03-09BK	Safety Cable
258-01-01P	Black Gobo Holder
287391	Lamp, GLC 115V
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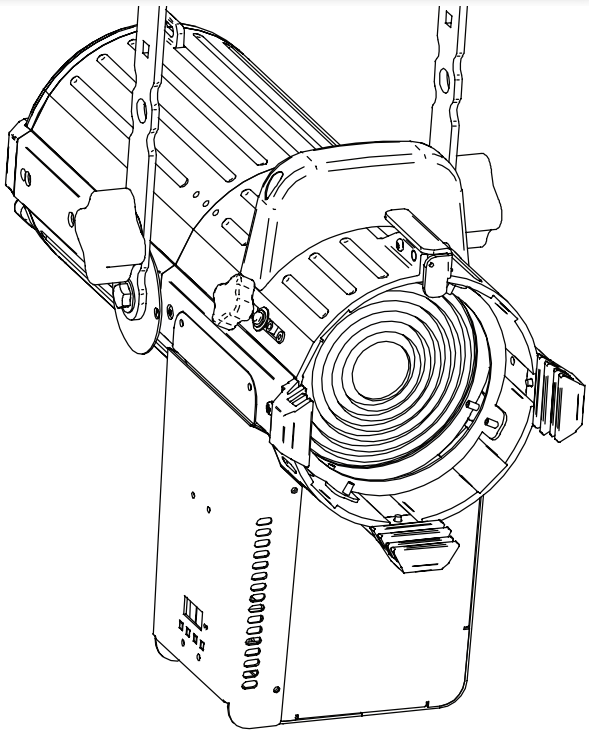

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Power/Data

Lamp line voltage 120/240 VAC

Receives 24v DC and DXM/RDM from Wybron PS Series Power supply

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
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2	Data +	22 AWG
3	Data -	22 AWG
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Reflector: Dichroic coated borosilicate cold mirror

Lenses: High temperature borosilicate

Accessories

Includes malleable iron pipe clamp

Optionally available with installed Stage pin, Twist lock & Edison connectors

Black gobo holder

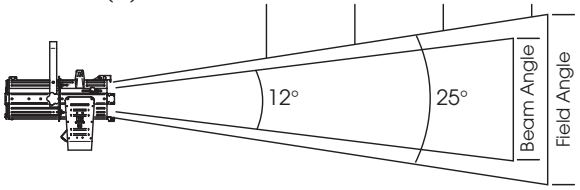
Specifications–Wash–Tungsten Source

Photometrics–Tungsten 575W GLC @115V

Narrow Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
25°	116,000 (Cd)	6830	11.9 LPW	44.1%

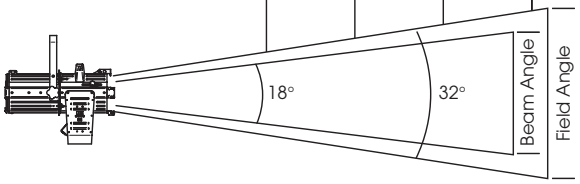
Distance (ft)	20	30	40	50
Field Diameter (ft)	9.2	13.4	17.9	22.4
Illumination (fc)	290	130	72	45



Wide Focus

Degree	Candlepower	Field Lumens	Efficacy	Efficiency
32°	67,500	7250	12.6 LPW	46.8%

Distance (ft)	10	15	20	25
Field Diameter (ft)	5.8	8.3	11.5	14.3
Illumination (fc)	675	307	178	109



Specifications as of 2/1/06 and may be subject to change

Lamp Data

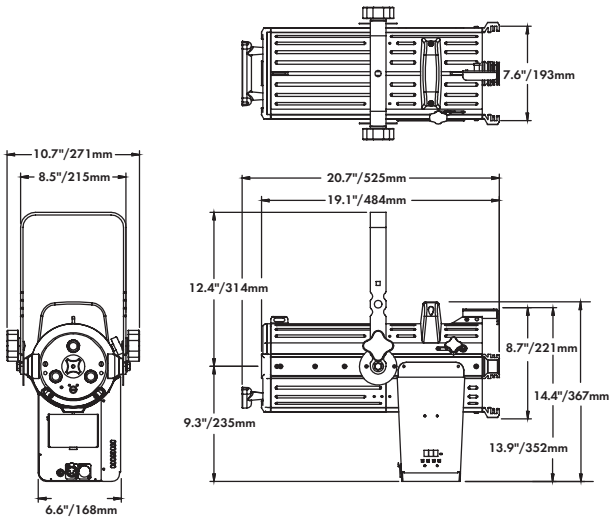
Socket: G9.5 style, rated to 350° C

Tool-free precision lamp alignment

ANSI Code	Watts	Rated VAC	Color Temp	Rated Hours	Rated Lumens
GLC	575	115	3200	400	15500
GLA	575	115	3100	1500	13500
GKV	600	230	3200	400	15000
GLB	600	230	3100	1500	13000

Dimensions & Weights

Wash (Tungsten) Model 2560LX

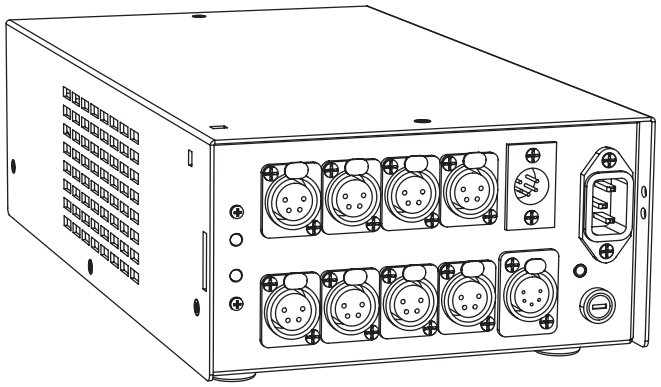


Weight: Weight: 24.9 lbs. (11.3 kg)
Accessory holder: 7.5″

Ordering Information

NEXERA Luminaire	
Model	Description
2560LX	NEXERA Wash
NEXERA Accessories	
703-03-09BK	Safety Cable
258-01-01P	Black Gobo Holder
287391	Lamp, GLC 115V
294322	Lamp, GLA 115V
363721	Lamp, GKV 230V
363739	Lamp, GLB 230V
7042-XX	Power/Data Cable (XX=Length)*
NEXERA Power Supply (PS-Series)	
20600	Power Supply for 24 NEXERA Luminaires
20300	Power Supply for 12 NEXERA Luminaires
20150	Power Supply for 6 NEXERA Luminaires
NEXERA AC Power Connectors	
PP2PGMC	Stage Pin Connector
LEV2311BK	Twist Lock Connector
HBL5266C	Edison Connector

*Available in 3′, 5′, 10′, 15′, 25′, 50′, 75′, & 100′ lengths



General

A component of the Wybron Infotrace Series of Products

Control and power for the following Wybron products:

- NEXERA LX Luminaires
- CXI IT Color Changers
- COLORAM IT Color Changers
- ECLIPSE IT SHUTTER/ ECLIPSE IT IRIS Dowsers
- FORERUNNER Color Changers

Front & rear LEDs indicating signal and power

Integrated stainless steel safety cable

Truss or rack mountable; free standing

.063" aluminum sheet metal construction

4 pin XLR connector for power and data

4 pin XLR connector for output

Made in the USA

Power/Data

Accepts all standard voltages worldwide (100-132 VAC 50/60 Hz and 170-240 VAC 50/60 Hz

Sends/passes 24v DC and DXM/RDM

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Device Label

Firmware Upgrade

Infotrace/RDM feedback information

Type of Device

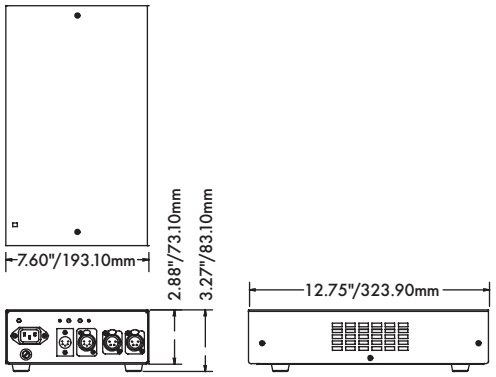
Voltage Output Sensor

Device Drop Warning

Specifications-150W, 300W & 600W

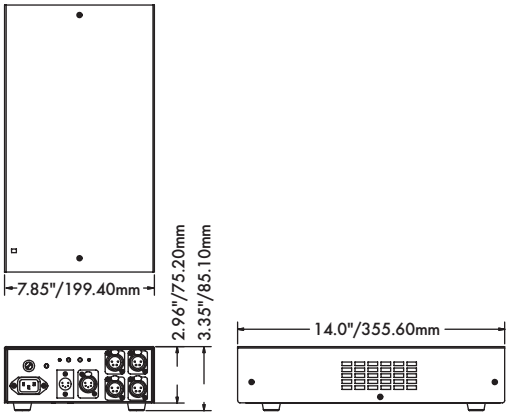
Dimensions & Weights

PS-150 Model 820150



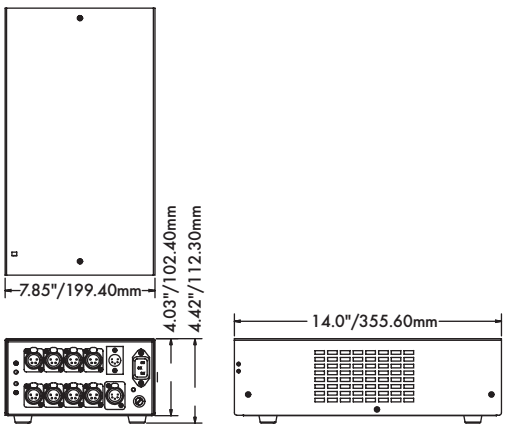
Weight: 3.90 lbs./1.77kg

PS-300 Model 820300



Weight: 5.40 lbs./2.45kg

PS-600 Model 820600



Weight: 7.90 lbs./3.58kg

Equipment Compatibility**

The following is a chart of compatibility and capacity of the various models of the PS-Series Power Supply and the companion devices.

Power Supply			PS-150	PS-300	PS-600
Model			820150	820300	820600
Output Power			150W	300W	600W
Maximum devices per Power Supply					
Description	Model	Head Ft.			
CXI IT 7.5"	87200	1500	6	12	24
CXI IT 4"	84560	1500	6	12	24
CXI IT Lg Format	816050	750	2	5	9
CXI IT 12"	812210	500	2	4	8
CXI IT 8-light	816130	750	3	6	12
CXI IT Mariner	87220	1500	6	12	24
CXI IT MultiPar	87240	1000	4	9	18
NEXERA LX (tungsten)	2560LX, 2570LX, 2640LX	1500	8	16	32
NEXERA LX (CDM)	2580LX, 2600LX, 2650LX	1500	6	12	24
COLORAM IT 7.5"	87110	1500	6	12	24
COLORAM IT 4"	84520	1500	6	12	24
COLORAM IT 10"	810100	1000	4	8	16
COLORAM IT Lg Frmt	816090	1000	6	12	24
COLORAM IT 15"	815010	1000	6	12	24
COLORAM IT 8-light	816080	1000	5	10	20
AQUARAM IT 7.5"	87080	1000	5	10	20
AQUARAM IT Lg Frmt	85000	1000	6	12	24
ECLIPSE IT SHUTTER 1K	89001	1500	8	16	32
ECLIPSE IT SHUTTER 2K	811010	1500	8	16	32
ECLIPSE IT SHUTTER Lg Frmt	817000	1500	8	16	32
ECLIPSE IT IRIS 1K	87250	1500	6	12	24
ECLIPSE IT IRIS 2K	812020	1500	6	12	24
ECLIPSE IT IRIS 24"	823020	750	3	6	12
FORERUNNER 4"	4540	n/a	16	32	64
FORERUNNER 7"	7140	n/a	16	32	64

[1] Some watts/unit numbers are rounded up/down ** The above information assumes devices are on different channels and all move simultaneously

Ordering Information

PS-SERIES Power Supply	
Model	Description
820150	150W Power Supply
820300	300W Power Supply
820600	600W Power Supply
PS-SERIES Power Supply Accessories	
7042-XX	Power/Data Cable (XX=Length)*

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

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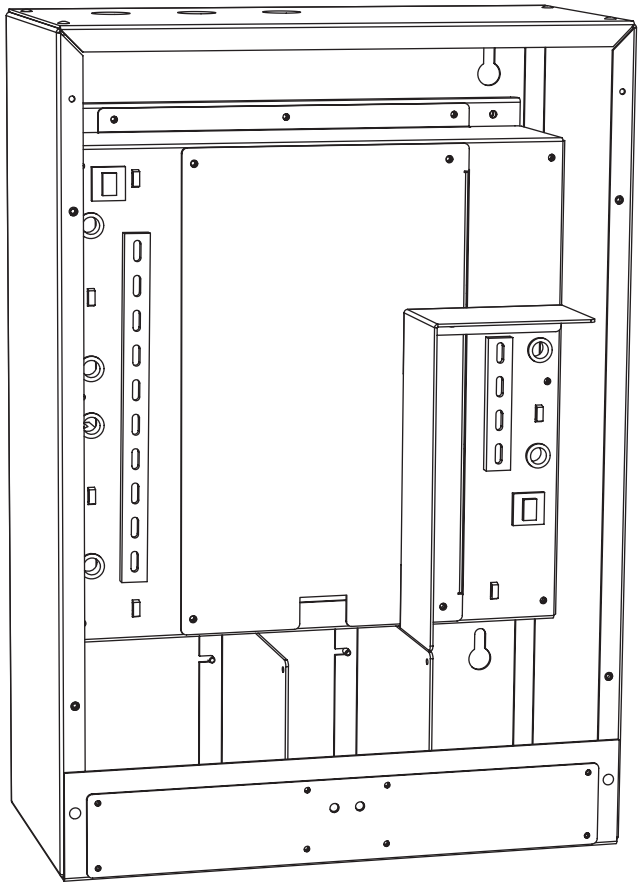


General

A component of the Wybron Infotrace Series of Products

Control and power for the following Wybron products:

- NEXERA LX Luminaires
- CXI IT Color Changers
- COLORAM IT Color Changers
- ECLIPSE IT SHUTTER/ ECLIPSE IT IRIS Dowsers
- FORERUNNER Color Changers

Front indicating signal and power

.063" aluminum sheet metal construction

Power and data connections made on DIN rail

UL Approved

Made in USA

Power/Data

Accepts all standard voltages worldwide (100-132 VAC 50/60 Hz and 170-240 VAC 50/60 Hz)

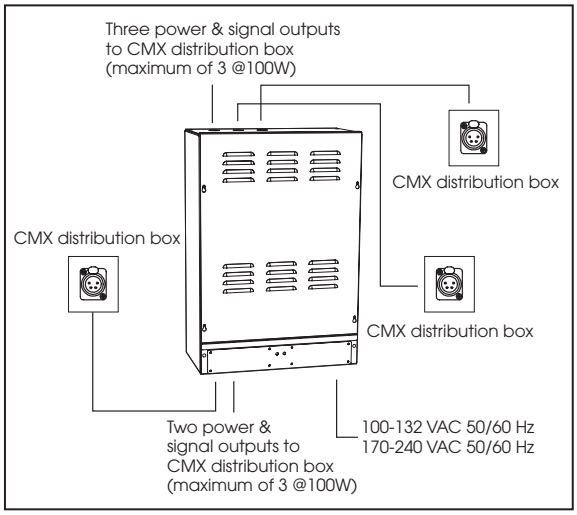
Sends/passes 24v DC and DXM/RDM

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	24 Volts DC	14 AWG

**Not Compatible with Ram II Power Supplies*

Wiring Diagram


Three power & signal outputs to CMX distribution box (maximum of 3 @100W)
CMX distribution box
CMX distribution box
CMX distribution box
Two power & signal outputs to CMX distribution box (maximum of 3 @100W)
100-132 VAC 50/60 Hz
170-240 VAC 50/60 Hz

Control

Uses DMX512-A Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Device Label

Firmware Upgrade

Infotrace/RDM feedback information

Type of Device

Voltage Output Sensor

Device Drop Warning

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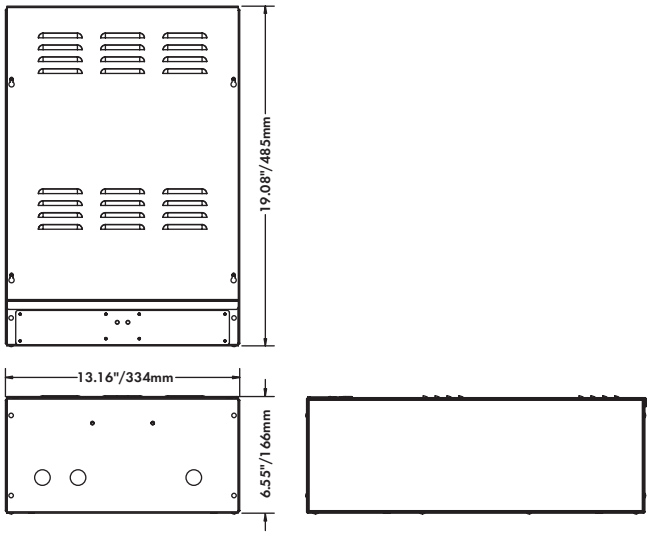
Dimensions & Weights

PS-450i Model 20250



Weight: 16.40 lbs./7.44kg

Equipment Compatibility**

The following is a chart of compatibility and capacity of the PS-450i Power Supply and the companion devices.

Power Supply			PS-450i	
Model			20250	
Output Power/CMX Distribution Box (3Max)			100W	
Maximum devices per Power Supply				
Description	Model	Head Ft.	per CMX	Total/PSU
CXI IT 7.5"	87200	1500	4	12
CXI IT 4"	84560	1500	4	12
CXI IT Lg Format	816050	750	1	3
CXI IT 12"	812210	500	1	3
CXI IT 8-light	816130	750	2	6
CXI IT Mariner	87220	1500	4	12
CXI IT MultiPar	87240	1000	2	6
NEXERA LX (tungsten)	2560LX, 2570LX, 2640LX	1500	5	15
NEXERA LX (CDM)	2580LX, 2600LX, 2650LX	1500	4	12
COLORAM IT 7.5"	87110	1500	4	12
COLORAM IT 4"	84520	1500	4	12
COLORAM IT 10"	810100	1000	2	6
COLORAM IT Lg Frmt	816090	1000	4	12
COLORAM IT 15"	815010	1000	4	12
COLORAM IT 8-light	816080	1000	3	9
AQUARAM IT 7.5"	87080	1000	3	9
AQUARAM IT Lg Frmt	85000	1000	4	12
ECLIPSE IT SHUTTER 1K	89001	1500	5	15
ECLIPSE IT SHUTTER 2K	811010	1500	5	15
ECLIPSE IT SHUTTER Lg Frmt	817000	1500	5	15
ECLIPSE IT IRIS 1K	87250	1500	4	12
ECLIPSE IT IRIS 2K	812020	1500	4	12
ECLIPSE IT IRIS 24"	823020	750	2	6
FORERUNNER 4"	4540	n/a	10	30
FORERUNNER 7"	7140	n/a	10	30

[1] Some watts/unit numbers are rounded up/down ** The above information assumes devices are on different channels and all move simultaneously

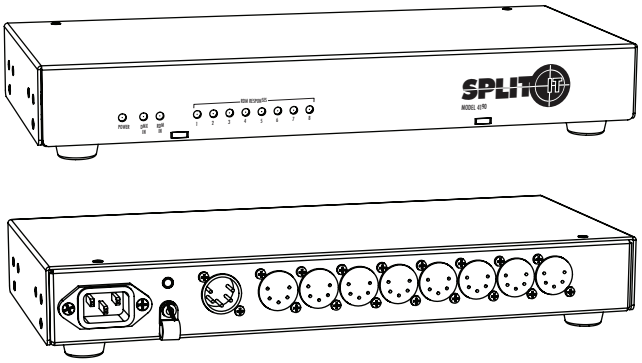
Ordering Information

PS-450i Power Supply	
Model	Description
20250	450W Power Supply
PS-450i Accessories	
7042-XX	Power/Data Cable (XX=Length)*

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

Specifications

SPLIT IT Opto Splitter



General

A component of the Wybron Infotrace Series of Products

Splits one DMX/RDM line into eight segments and works with the following Wybron products:

- NEXERA LX Luminaires
- CXI IT Color Changers
- COLORAM IT Color Changers
- ECLIPSE IT SHUTTER/ ECLIPSE IT IRIS Dowsers

Individual front LEDs indicating signal and power

Integrated stainless steel safety cable

Truss or rack mountable; free standing

.063" aluminum sheet metal construction

One 5 pin XLR connector for one DMX/RDM universe of input

Eight 5 pin XLR connectors that split one DMX/RDM into 8 separate DMX/RDM lines within one DMX/RDM universe

Made in USA

Power/Data

Accepts all standard voltages worldwide (100-240 VAC ~ 50/60 Hz 0.15-0.08A)

Sends/passes DXM/RDM

XLR Connector Pin Out

XLR Pin #	Function	Conductor Size
1	Ground	14 AWG
2	Data +	22 AWG
3	Data -	22 AWG
4	not used	
5	not used	

Control Inputs

DMX512-A/RDM

Control Outputs

Uses DMX512-A/RDM Protocol

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Device Label

Firmware Upgrade

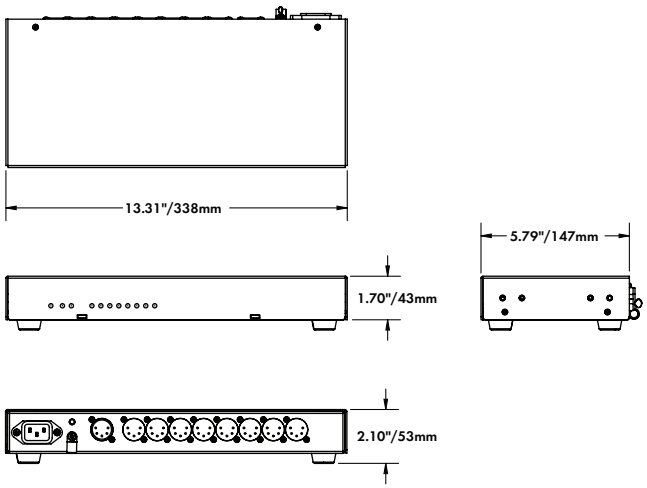
Infotrace/RDM feedback information

Type of Device

Device Drop Warning

Dimensions & Weights

SPLIT IT Model 4190



Weight: 2.88 lbs./1.30kg

Ordering Information

SPLIT IT Opto Splitter	
Model	Description
4190	8-Port DMX/RDM signal splitter

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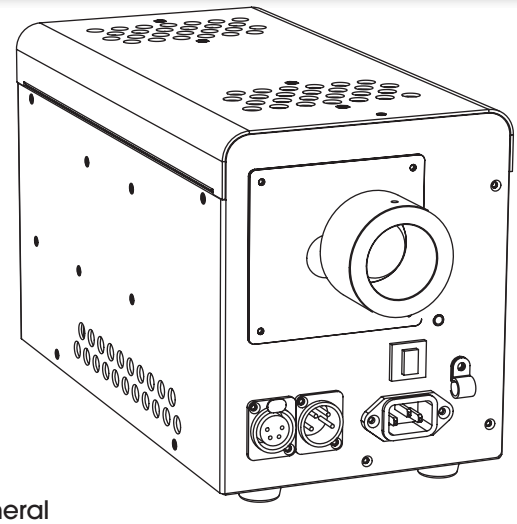
Specifications–CMY Color-mixing Illuminator

TRANSITION
Fiber Illuminator



General

A component of the Wybron Infotrace Series of Products

Integral Color Module provides a nearly infinite color palette with uniform color integration

Accepts up to 38mm common end fiber bundles

Integral electronic ballast & power supply

Uses four channels of DMX control; cyan, magenta, yellow and a mechanical dimmer

Rugged high-temperature, powder coated .063" aluminum sheet metal construction

Remote Device Management ready

Fiber common end remains cool–will not burn PMMA fiber

Compact, elegant design with quick color changing

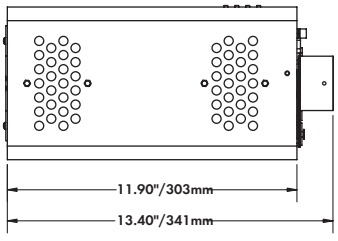
10,000 hour lamp life

150 watt compact, UHI/CDM light source

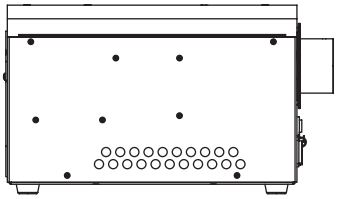
UL Approved

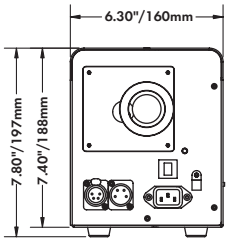
Dimensions & Weights

TRANSITION Model 8670, 8675, 8677



Weight:
8.10 lbs./3.68kg





Power/Data

Input voltage 120/240 VAC 50/60 Hz

DMX In: Male XLR 5-pin

DMX Out: Female XLR 5-pin

Circuit breaker protection

Optical

Reflector: Dichroic coated borosilicate cold mirror

Filters: CMY dichroic filters, quality controlled for consistent color

Hexagonal color integration element insures even color distribution

Socket: G12 style, rated to 350° C

Automatically optimized

Control

Uses four channels of DMX512-A Protocol ; cyan, magenta, yellow and a mechanical dimmer

Infotrace features available using ANSI E1.20 – 2006 Remote Device Management over USITT DMX512 standard

Parameters and features selectable with Infotrace/RDM:

Base Address

Firmware Upgrade

Lamp Data

Lamp Watts(nominal)	150
Rated Hours	10,000
Color Temp	3000K or 4200K
Color Rendering Index	85

Ordering Information

TRANSITION Fiber Illuminator	
Model	Description
8670	CMY Color Mixing Illuminator
8675	CMY Color Mixing Illuminator w/Twinkle Wheel
8677	Fixed Color Illuminator
TRANSITION Fiber Illuminator Accessories	
5000950	UHI 3000K Lamp
5000875	UHI 4200K Lamp
232728	CDM 3000K Lamp
373696	CDM 4200K Lamp
7033-XX	DMX 512 Cable (XX=Length)*

** Available in 3', 5', 10', 15', 25', 50', 75', & 100' lengths*

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